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Distribution and ecology of the weevils of the tribe Bagoini (Coleoptera: Curculionidae) in the Czech Republic

Rozšíření a ekologie nosatců tribu Bagoini (Coleoptera: Curculionidae) v České republice

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***Bagous, Hydronomus*, beetles, wetland, water ecosystems, conservation**

Abstract. This study summarises information on the distribution and ecology of weevils of the tribe Bagoini in the Czech Republic. Altogether, 24 species of the genera *Bagous* Germar, 1817 and *Hydronomus* Schönherr, 1825 are known from the Czech Republic, with another 11 species occurring in neighbouring countries with potential to also occur in the Czech Republic. Three species (*Bagous binodulus* (Herbst, 1795), *B. brevis* Gyllenhal, 1836 and *B.majzlani* (Kodada, Holecová et Behne, 1992)) probably disappeared from the entire country during the 20th century, and another eight species are known from five or fewer recent localities. Only *B. tubulus* is common in most of the country, and another four species (*H. alismatis* (Marsham, 1802), *B. lutulentus* (Gyllenhal, 1813), *B. subcarinatus* Gyllenhal, 1836 and *B. tempestivus* (Herbst, 1795) are locally common and recently known from more than 20 sites. Recently, several species became very rare, especially *B. glabrirostris*, *B. lutosus*, *B. nodulosus*, and *B. puncticollis*. All species except *B. diglyptus* Boheman, 1845 are bound to wetlands or water plants, several of them are very rare or endangered. Preservation of peaty meadows, marshes, ponds or water reservoirs with many water and littoral plants and regions with small pools with wetland plants is necessary for the conservation of these interesting weevils.

INTRODUCTION

The tribe Bagoini represents one of the less numerous groups of the family Curculionidae with two genera *Bagous* Germar, 1817 and *Hydronomus* Schönherr, 1825 in central Europe. Members of this group are distributed over most of the world, although no species are recorded from Central and South America. About 250 species are known worldwide, with 130 recorded in the Palaearctic, and 31 species in central Europe (Dieckmann 1983, Cuppen & Heijerman 1995, Caldara & O'Brien 1998, Alonso-Zarazaga 2005, Böhme 2005). Altogether, 24 species are known from the Czech Republic (Benedikt et al. 2010) and eight further species are assumed to occur.

Weevils of these genera are very similar in appearance, usually small with a total length between 2 and 6 mm. They are black or dark brown coloured with specific markings of cuticular scales. In some species, the legs or parts of them are reddish to brownish. Several species (especially *Bagous elegans* (Fabricius, 1801) and *Bagous majzlani* (Kodada, Holecová et Behne, 1992)) are more elongated and possess special projections on their abdomen, *Bagous frivaldszkyi* Tournier, 1874 and *Bagous tubulus* Caldara et O'Brien, 1994 are elongated without these projections. Caldara & O'Brien (1998) studied the genitalia of this group and found that the previously established genera *Dicranthus* Motschulsky, 1845 (for *Bagous*

elegans and *Bagous majzlani*) and *Hydronomus* (*Bagous alismatis* (Marsham, 1802)) should be classified within the genus *Bagous*. A more recent study by Caldara et al. (2017) based on a phylogenetic survey of morphological traits of many species, confirmed most of the previous conclusions, but *Hydronomus* was returned to full generic status (*H. alismatis*). All other species of Bagoini recorded from the Czech Republic are placed in the genus *Bagous*, with seven in the subgenus *Bagous* and the other 16 into the subgenus *Macropelmus* Dejean, 1821. Determination of most species of the genus *Bagous* is not simple and it is necessary to have good collection of specimens for comparison; in some species groups extracting the male genitalia is necessary for species level identification. Keys have been published by Caldara & O'Brien (1998) and Skuhrovec et al. (2011).

These weevils are very specific in their way of life, because the majority of them are bound to aquatic or semi-aquatic sites, with wetland or aquatic plants being used as host plants for their larvae (Sprick 2000). The larvae usually live inside the stems or leaf petioles while adult beetles occur on leaves of host plants but very often under the water surface. To find *Bagous* at a locality, it is necessary to use a combination of methods. Finding host plants and observing feeding marks on them is the first method, which is frequently used, and finding specimens is in some cases not very difficult. Most of the species are active in the evening, so it is also possible to find them by sweeping of their host plants; aquatic species can be found on parts of plants exposed above the water surface. Several species (including those that are fully aquatic) can be found by sifting of the littoral parts of water reservoirs, usually in winter. Several species of *Bagous* can fly and are attracted by light, and totally aquatic species can be recorded by collecting water plants from the localities and keeping them in an aquarium for some time (Sprick 2000, Gosik 2013).

Species of this genus are usually poorly studied. Non-specialists and amateur coleopterologists do not usually focus on this group, supposing its members to be difficult to collect and determine. Specialists on water beetles are usually focused on other groups, e.g. Dytiscidae and Hydrophilidae. Those studying weevils also usually focus on different groups of terrestrial species and do not study this group. However, several specialists in Europe have done very good work and generated good information on the taxonomy and ecology of many species of *Bagous*, and their larval development (i.e. Dieckmann 1990, Kodada et al. 1992, Cuppen & Heijerman 1995, Caldara & O'Brien 1998, Sprick 2000, Staniec & Gosik 2003, Gosik 2006, 2009, 2010, 2013, Gosik & Wanat 2014).

This study unites all the available data on the distribution of this genus in the Czech Republic in the past and the present. Every species was also separately evaluated, with brief data on the taxonomy, morphology, ecology and conservation in the Czech Republic, and notes on all these aspects in neighbouring countries.

MATERIALS AND METHODS

Data on the taxonomy, morphology, and ecology were cited from the above mentioned studies and other studies, which are cited below. Some data on the ecology are based on the author's personal experience or that of other coleopterologists (here the name and "pers. inf." is written). The recent red list (Benedikt & Strejček 2005) and recently published new red list (Stejskal et al. 2017) of weevils of the Czech Republic are followed for the conservation status of all species in the Czech Republic. Nomenclature follows Caldara et al. (2017) for weevils, and Kubát et al. (2002) for plants. Endangerment and conservation status of all species are discussed here.

To create the distribution maps, the author has collected all available records on the distribution of the *Bagous* species from the Czech Republic. The majority of the records are from museum collections, where the material was

determined and revised by the author. Another large part of the material originates from collections of amateur and specialist coleopterologists from the Czech Republic. Those named in this chapter sent the data from their collections or their collections were personally revised. Only records with determinations by specialists were used without revision. Other data comes from published studies, mostly from Benedikt et al. (2010). The author visited several localities with older records of rare species and tried to find the species there. However, he was unsuccessful in most cases.

List of museums:

JMCB – Jihočeské muzeum v Českých Budějovicích (Museum of South Bohemia), České Budějovice (curator Zdeněk Kletečka);
JMZ – Jihomoravské muzeum ve Znojmě (Museum of South Moravia), Znojmo (curator Antonín Reiter);
MBFM – Muzeum Beskyd Frýdek-Místek (Museum of Beskydy), Frýdek-Místek (curator Magdalena Roháčová);
MCHD – Muzeum Chodska Domažlice (Museum of Chodsko Region), Domažlice (curator Zbyněk Kejval);
MJMZ – Muzeum jihovýchodní Moravy ve Zlíně (Museum of south-east Moravia), Zlín (curator Dušan Trávníček);
MUL – Muzeum města Ústí nad Labem (Museum of Ústí nad Labem) (curator Jiří Spružina);
MVHK – Muzeum východních Čech v Hradci Králové (Museum of east Bohemia), Hradec Králové (curator Bohuslav Mocek);
MZMB – Moravské zemské muzeum v Brně (Moravian Museum), Brno (curator Jiří Kolibáč);
NMP – Národní muzeum (National Museum), Praha (curator Jiří Hájek);
RMZS – Regionální muzeum Žďár nad Sázavou (Regional museum in Žďár nad Sázavou), Žďár nad Sázavou (curator Zdeněk Málek);
SML – Severočeské muzeum v Liberci (Museum of north Bohemia), Liberec (curator Pavel Vonička);
VMCL – Vlastivědné muzeum v České Lípě (Geographical Museum in Česká Lípa) (curator Miroslav Honců);
VMO – Vlastivědné muzeum v Olomouci (Geographical Museum in Olomouc) (curator Miloš Krist);
ZMP – Západočeské muzeum v Plzni (Museum of west Bohemia), Plzeň (curator Ivo Těťál).

List of private collections:

Stanislav Benedikt, Plzeň;
Petr Bogusch, Hradec Králové;
Petr Čížek, Žamberk;
Dušan Čudan, Brloh;
Jaroslav Gahai, Uhlířské Janovice;
Patrick Häffliger, Bern, Switzerland;
Alois Hamet, Hradec Králové;
Petr Jansa, Praha;
Luboš Koloničný, Ostrava;
Michael Košťál, Brno;
Jiří Krátký, Hradec Králové;
Petr Kresl, Spůle;
Tibor Mészáros, České Budějovice;
Jan Pelikán, Hradec Králové;
Milan Putz, Řevnice;
Pavel Sláma, Praha;
Robert Stejskal, Znojmo;
Jaroslav Strejček, Praha;
Richard Škoda, Liberec;
Filip Trnka, Olomouc;
Marek Wanat, Wroclaw, Poland.

All records on the distribution of *Bagous* and *Hydronomus* species in the Czech Republic were organized into a table (Tab. S1 in supporting material) and divided into two groups – records before 1970 and after 1970 for each species (as used by Benedikt et al. (2010) and Stejskal & Trnka (2013)). Old undated specimens from museum collections were automatically listed in the first group, based on knowledge of the collector and previous owner of

the collection. Faunistic squares for all records were found using Pruner & Míka (1996) or using the Internet, when a site covered more than one square, we used the square with the highest probability of the locality. In several cases, we did not find the exact locality (several places with the same name in the Czech Republic) so these localities were not included in the maps. Distribution maps were created in Corel Draw using map samples. Empty circles represent old records up to 1970; full circles represent new records from 1971 onwards. The position of the historical border between Bohemia and Moravia is based on Bogusch et al. (2007).

Comments on each species are divided into the following paragraphs:
"Taxonomic notes" – in some species with a taxonomic overview, or species with a problematic taxonomic status or taxonomy that has changed in recent years; from the last checklist (Benedikt et al. 2010);
"Morphology" – short paragraph on the morphology of the species, with total size, typical features, and notes on determination characters and similar species, mostly adopted from Caldara & O'Brien 1998, Caldara et al. 2017 and Skuhrovec et al. 2011);
"Distribution" – overview of the worldwide distribution adopted from other studies;
"Distribution in the Czech Republic" – created from available records, also used for the distribution map for each species;
"Biology" – notes on biotopes, host plants, plants with occurrence of adults and larvae, phenology, and other biological notes associated with the species (usually adopted from published studies but also from the field experience of the author and other coleopterologists);
"Conservation" – statuses from both red lists (Benedikt & Strejček 2005, Stejskal et al. 2017), notes on the numbers of localities up to and after the year 1970, endangerment and conservation of biotopes, localities, host plants and the species itself.

RESULTS

More than 2,300 faunistic records and specimens revised belong to 24 species of the two genera. Table 1 shows the distribution of all species in the Czech Republic, with notes on the changes since the last checklist (Benedikt et al. 2010). All comments are shown under the species name in the next chapter.

Hydronomus alismatis (Marsham, 1802)

Taxonomic notes. This species was previously classified in the genus *Bagous* (Caldara & O'Brien 1998). Recently, Caldara et al. (2017) restored *Hydronomus* to a full genus.
Morphology. Smaller species, 2.0–3.5 mm of total length. Body slender to subcylindrical, dark brown coloured with reddish or brownish parts of legs and antennae. Characteristically with rostral canal absent, tarsi short, hair and male genitalia long. Scales form characteristic markings of spots or poorly-visible stripes on the body, especially on elytra (Caldara & O'Brien 1998, Caldara et al. 2017).
Distribution. Species recorded from most of the Palaearctic region, absent from Spain and Portugal, most of the Balkan Peninsula, and North Africa (Gosik 2013). Present in Russia, reaching Russian Siberia and the Pacific coast (Sprick 2000).
Distribution in the Czech Republic. Benedikt et al. (2010) recorded this species from both Bohemia and Moravia. Records of all localities for this species show that it is quite widespread in most of the country, with more records from the warmer parts of the country (Polabí lowland in central Bohemia and south Moravia) (Fig. 1).
Biology. This species usually occurs at pond margins and around smaller pools, as well as in marshes and other types of wetlands. Host plants of larvae of this species are members of the family Alismataceae, mostly *Alisma plantago-aquatica*, *Sagittaria sagittifolia*, and spar-

sely also *Luronium natans*, occurs also on other species of the genus *Alisma* (Gosik 2013). Adults can be found from May to August usually on the leaves of host plants, where they make typical feeding marks. Oviposition also takes place on leaves of host plants, usually on those growing out of the water. Larvae develop in leaves and make typical feeding marks there. Larvae pupate in central veins of leaves or between the leaf and stem (Urban 1923, Dieckmann 1983, Gosik 2008).
Conservation. This species is classified in both red lists as LC – least concern (Benedikt & Strejček 2005, Stejskal et al. 2017). It is quite widespread in the Czech Republic and the number of squares for recent occurrences is similar that for past occurrence (35/33). It is bound to localities with its host plants, of which several are also widespread and common in the Czech Republic. Recent better conservation of wetland sites may help *H. alismatis* but it is still endangered by intensive carp production in ponds, and the destruction of smaller "non-productive" wetlands.

Bagous argillaceus Gyllenhal, 1836

Morphology. Medium-sized species, 2.6–4.8 mm. Elongated body with longer tarsi, body brownish coloured, tarsi reddish. Characteristically with shiny scales on the body, most dense on the elytra. The similar species *Bagous dieckmanni* Gratschev, 1993, known in central Europe from Hungary and Slovakia, differs in the structure of scales on elytra and by male genitalia (Caldara & O'Brien 1998).
Distribution. Species recorded from south and central parts of the Palaearctic region, but very rare and absent from many countries. Its distribution area is disjunct. It was recorded in the Near East, Caucasus and North Africa, known also from the Far East and Mongolia (Sprick 2000, Legalov 2010). In north and central Europe recorded in more countries but usually from very small regions (Sprick 2000).
Distribution in the Czech Republic. Benedikt et al. (2010) recorded this species both from Bohemia and Moravia. However, the number of records is low and usually based on single specimens. Recently known only from east Bohemia, Silesia and one locality in south Moravia (Fig. 2).
Biology. Host plants of this species are unknown. It is usually collected on *Phalaris arundinacea*, by sweeping above the water. It frequently occurs at saline sites and in the Czech Republic it is known from sites with low salt content in the ground, and also from saline sites. In south-east Slovakia it occurs around channels where the most dominant plants are *Alisma plantago-aquatica*, *Butomus umbellatus*, *Carex* spp., *Glyceria maxima*, *Persicaria amphibia* and *Sagittaria sagittifolia* (Holecová 1989, Gräf & Behne 1994). Mikát & Hájek (1999) recorded one specimen in east Bohemia by light-trapping.
Conservation. Benedikt & Strejček (2005) classified this species as VU – vulnerable, Stejskal et al. (2017) as EN – endangered. Before 1970, the species was recorded in 10 squares in many parts of the Czech Republic. After 1970, it was recorded in 7 squares in two regions and one single locality. This species is very rare in the Czech Republic with only a few finds. It probably occurs at more localities but lives under the water (Skuhrovec et al. 2011) and finding it is difficult. Also, the host plants are unknown and we are not able to identify the reasons for the rarity of this species.

Bagous bagdatensis Pic, 1904

Morphology. Small species, of total size 2.1–2.7 mm. Body slightly elongated, with short tarsi and whitish scales on the body, especially on elytra, where the scales form characteristic maculae. Very similar to *Bagous glabrirostris* (Herbst, 1795) but differs in the colour of scales and shape of the thorax. The shape of the aedeagus is the best determination character (Caldara & O'Brien 1998, Caldara et al. 2017).
Distribution. Mediterranean species with distribution in south Europe and Near East, from Sardinia to Greece, Turkey, and Iran. In central Europe known from Hungary and Austria, Slovakia, and recently from the Czech Republic (Holecová 1993, Krátký & Trnka 2012) (Fig. 3).
Distribution in the Czech Republic. First recorded in 2012 on the bank of a channel near Pohansko at Břeclav (Krátký & Trnka 2012), next record is from Podyjí National Park (Čížov, R. Stejskal, pers. comm). It is quite numerous in the south of Slovakia and new records from south Moravia are probably to be expected.
Biology. This species usually occurs on plants growing from the water or in littoral vegetation of channels and small pools in warm regions. Beetles are found from May until September and are quite numerous in some localities. Host plant is unknown, some authors suppose *Ceratophyllum demersum* to be the host plant, *Butomus umbellatus* is also mentioned in published studies. R. Stejskal (pers. comm.) collected this species on the leaves of *Hydrocharis mors-ranae*; S. Benedikt (pers. comm.) reported that *Myriophyllum spicatum* grows in high abundance at localities for *B. bagdatensis*.
Conservation. Stejskal et al. (2017) placed this species in the category VU – vulnerable. It is certainly bound to wetland sites with rich submerged and littoral vegetation, which are becoming more endangered in the whole of Europe. Hopefully this species will be found in other localities in the near future.

Bagous binodulus (Herbst, 1795)

Morphology. Larger species, total length 3.3–5.0 mm. Body elongated but quite robust, with brownish scales and no pattern on elytra. Has characteristic blunt processes near the apical part of the elytra. Similar in size and appearance to *Bagous nodulosus* Gyllenhal, 1836 but with four processes on elytra, the apical ones sharper than in *B. nodulosus* (Caldara & O'Brien 1998).
Distribution. European species with distribution mostly in north and central Europe from the north of France to the Baltic region. In the south it reaches north Italy. Recently it has occurred more in the northern part of its distribution area (Caldara & O'Brien 1998).
Distribution in the Czech Republic. Very rare species with only five records – two from Bohemia and three from Moravia. However, all these records are very old or undated and no recent records are known. Thus, this species is supposed to be extinct in the Czech Republic (Fig. 4).
Biology. This species is monophagous on *Stratiotes aloides* and its entire development is narrowly connected with this host plant. Adults are clearly visible on leaves, especially sitting on leaves of plants growing from the water. They also mate and oviposit on the leaves and flowers of the host plant. Larvae feed ectophagously on leaves or make chambers in the leaves. They can destroy the host plant, and need then to move to another plant. Adults are active from May to September (Sprick 2001).

Conservation. Benedikt & Strejček (2005) marked this species as CR – critically endangered, Stejskal et al. (2017) newly changed the status to EX – extinct in the Czech Republic. However, the extinction of this species is connected with a similar trend with the host plant. It occurs in warmer parts in the Czech Republic but wild populations have been destroyed, except a few in the south of Moravia (R. Prausová, pres. comm.). Recent populations are not native and *Bagous binodulus* cannot fly or spread to distant localities, can only with difficulty colonize these populations of the host plant (Skuhrovec et al. 2011). A very similar situation is also reported in other countries, where a previously quite rare but widespread species has recently only a few localities with the last surviving populations. New localities for the host plant are often destroyed by fishery. Only reintroduction from Slovakia, Poland or Hungary could return this species back to the Czech Republic.

Bagous brevis Gyllenhal, 1836

Morphology. Smaller species of total size 2.2–2.9 mm. Robust species with shorter rostrum and characteristic spots of scales on the elytra. Similar in general appearance to *Bagous lutulosus* Gyllenhal, 1827 but differs in the longer legs (Caldara & O'Brien 1998).
Distribution. Rare European species known from Finland, Denmark, Sweden, Norway, United Kingdom, north France, Germany, Austria, Czech Republic and Greece. Very rare in central Europe (Caldara & O'Brien 1998, Sprick 2000).
Distribution in the Czech Republic. This species is historically known from only three sites in Bohemia, no record from Moravia is known. However, all records are old and thus the species is supposed to be extinct in the Czech Republic (Benedikt et al. 2010) (Fig. 5).
Biology. Species of peat bogs, marshes and ponds with well-developed littoral vegetation. *Ranunculus flammula* is the only known host plant of this species. Adults are also collected on other plants by sweeping. They oviposit on leaves and larvae develop in the leaves of the host plant, where they make typical feeding marks. After the development, the species can no longer be found on the host plant, and probably pupates on the surface or in the ground. Adults then overwinter and can be found in spring (May to June) (Sprick 2001).
Conservation. This species is extinct in the Czech Republic (Stejskal et al. 2017), in the previous red list it was classified as CR – critically endangered (Benedikt & Strejček 2005). The host plant is quite common in warmer regions of the Czech Republic and in some localities it forms strong populations. However, searching for *Bagous brevis* at these localities did not yield any recent records of this species. It is probably a very rare relict species and last three localities in first half of 20th century represented only the last remnants of its previous distribution on the edge of its distribution range. Recently, M. Putz (pers. comm.) found the host plant with feeding marks similar to those of *B. brevis* on *Ranunculus flammula* at a locality in Brdy PLA (where the species was recorded many years ago), but no adults were found.

Bagous collignensis (Herbst, 1797)

Morphology. Smaller species, total size 2.2–2.9 mm. One of most difficult species to determine, similar to several other species. Previously was synonymized with *Bagous claudicans* Boheman, 1845, but differs from this species in biology (host plants) and morphology (especially male genitalia). Occurs together on the same host plant with *Bagous longitarsis* C. G.

Thomson, 1868 but differs from this species by shorter tarsi on forelegs and shape of male genitalia (Caldara & O'Brien 1998).
Distribution. Species recorded from most of north and central Europe, extending eastwards to Ukraine, European Russia and Kazakhstan. Absent in the south of Europe, known only from the north of Italy and France (Skuhrovec et al. 2011).
Distribution in the Czech Republic. Very rare species known from both Bohemia and Moravia, but only from a few finds. Recently recorded in only eight squares, in the past in six squares. It occurs usually together with *B. longitarsis*, which is more common and numerous (Fig. 6).
Biology. This species has a typical totally aquatic way of life. Adults and larvae feed on *Myriophyllum spicatum* and probably also *Myriophyllum heterophyllum*. Larval development is not well known, but the larvae probably feed inside the stems or leaves of the host plant. Adults are found from May to September on the host plant, at other times of year they overwinter on banks in detritus and can be sifted from dead plant matter on the bank (Sprick 2000, Skuhrovec et al. 2011).
Conservation. Benedikt and Strejček (2005) reported this species as NT – near threatened, Stejskal et al. (2017) as VU – vulnerable. Although this species is very rare in the Czech Republic, we do not know the exact reasons. Intensive fish production in ponds is the biggest problem, submerged plants are supposed to be bad and are being removed from ponds. Recently, both species have been found in water reservoirs in sandpits, ponds with no fish production, and less frequently in moved river branches (where *Ceratophyllum* plants are usually more common than *Myriophyllum*). *B. collignensis* is still very rare, and the number of localities for this species is low.

Bagous diglyptus Boheman, 1845

Morphology. Small species, total length 2.0–2.5 mm. This species is more robust than the others, with short elytra and abdomen with no pattern. It is usually uniformly light brownish or greyish coloured. Tarsi are shorter (Caldara & O'Brien 1998).
Distribution. Recorded in north, central and western Europe: Sweden, Denmark, Baltic countries, UK, Belgium, France, north Italy, Germany, Poland, Czech Republic, Slovakia, Hungary (Caldara & O'Brien 1998, Skuhrovec et al. 2011).
Distribution in the Czech Republic. This species is rare but has been recorded in both Bohemia and Moravia. It has only a few localities of occurrence. In Bohemia, the number of localities has decreased (Fig. 7).
Biology. This species is one of a few *Bagous* of dry terrestrial habitats. It occurs mainly on rocks, grasslands, slopes, steppes and forest margins, both on limestone and acid rocks. *Saxifraga granulata* is the host plant of this species. Adults can be found on stems and leaves of this plant from May to June, in other seasons under the plants in or on the surface of the ground. Larvae feed probably in bulbs in the ground (Dieckmann 1983). Both adults and larvae were also recorded on the similar *Saxifraga bulbifera*.
Conservation. Benedikt & Strejček (2005) and Stejskal et al. (2017) classified this species as EN – endangered. It has only a few localities in the Czech Republic, usually not in the warmest regions, but at the warmest sites within a given region. Host plants are quite common and widespread, but *Bagous diglyptus* does not occur at all sites where the host plant is present.

The species has been lost from most of the localities in Bohemia, while in Moravia number of recent localities is higher than the number of past localities – the total number is nine recent and eight past localities. However, we certainly do not know all sites of the occurrence of this species in the Czech Republic, because collecting and recording of *B. diglyptus* is difficult.

Bagous frit (Herbst, 1795)

Morphology. Medium sized species, total length between 2.7–3.6 mm. Uniformly brownish coloured with typical elongated apical parts of elytra. Similar to *B. dieckmanni* but smaller and differing in the rough pronotum and shape of the male genitalia (Caldara & O'Brien 1998).
Distribution. Rare relict species recorded in north Europe and partly also in central, east and south regions of northwest Europe: UK, north France, Germany, Finland, Norway, Sweden, Denmark, Poland, Russia, Czech Republic, Slovakia, Austria (Caldara & O'Brien 1998, Skuhrovec et al. 2011).
Distribution in the Czech Republic. This species has several localities in Bohemia, both historical and recent. It has been also recorded in the north of Moravia. It is rare and finding this species is difficult (Fig. 8).
Biology. Monophagous species on *Menyanthes trifoliata*. It occurs in peat bogs, wet meadows and at lakes and ponds. Adults live semiaquatically, and are usually found in plant matter under the host plant. They do not occur often on the leaves of the plant and can only occasionally be found by sweeping. Females lay their eggs between leaf-stalk and sheath, larvae eat the leaf-sheath and in some cases they move on the stalk to the leaves. Then they pupate in their original gallery and new adults hatch at the end of July (Leiler 1987, Gosik 2013). Adults can be found under the plant from May to September.
Conservation. Benedikt & Strejček (2005) and Stejskal et al. (2017) classify this species in the category EN – endangered. This species is bound to a very rare and endangered host plant, which occurs only on relict peat bog sites. Recently, it is known from seven squares, in contrast to three in past. Conservation of the host plant and its localities is very important for the survival of *Bagous frit* in the Czech Republic.

Bagous glabrirostris (Herbst, 1795)

Morphology. Smaller species of size between 2.2–2.7 mm. Body not robust, with yellowish--brown scales on the elytra. Similar to *Bagous puncticollis* Boheman, 1845 and *B. bagdatensis* but differs from the first one by the shape of pronotum and from the second one by the sculpture and colouration of the scales on elytra (Caldara & O'Brien 1998).
Distribution. Widespread species in most of north and central Europe, reaching Italy, Bosnia and the Caucasus in the south, absent from Spain, Portugal, the Balkan Peninsula and most of Turkey (Caldara & O'Brien 1998).
Distribution in the Czech Republic. This species is known from both Bohemia and Moravia, recently with three sites in Bohemia and two localities in Moravia. Before 1970, it was much more common with 14 known localities. It has totally disappeared from the vicinity of Prague and most of southern Moravia (Fig. 9).
Biology. Species known from wet marshes, channels and ponds with big littoral parts, usually of larger area. Host plant is unknown, but Dieckmann (1964) recorded several plants which

are possible hosts for larvae of this species – *Stratiotes aloides*, *Ceratophyllum submersum*, *Alisma plantago-aquatica* or *Potamogeton* spp (sorted according to relevance). R. Stejskal (pers. comm.) collected this species on the leaves of *Hydrocharis mors-ranae.* Adults are usually swept or sifted in marshy sites.
Conservation. Benedikt & Strejček (2005) classified this species in the category VU – vulnerable, Stejskal et al. (2017) as EN – endangered. However, we do not know the host plant so we cannot draw any conclusions about its conservation. The facts are that there has been a significant decline of this species in the Czech Republic, and it is usually sifted or swept in larger, well-preserved marshy sites, which are very rare in the whole of Europe. Further studies of this species would greatly help our understanding of its conservation needs.

Bagous limosus (Gyllenhal, 1827)

Morphology. Middle sized species of total length 2.5–3.3 mm. Species with oval body and rich pattern of light scales on elytra (Caldara & O'Brien 1998).
Distribution. Palaearctic species, known from most of Europe, absent in Portugal and some Balkan countries. It was recorded also from Siberia, Near East, Caucasus and North Africa (Sprick 2000, Skuhrovec et al. 2011).
Distribution in the Czech Republic. Species known only from Moravia with several sites in the south of Moravia around Břeclav and Lednice, where it was recorded both before and after the year 1970. Recently also recorded at in Opava, Silesia. Very rare species with only a few records (three recent and two past localities) from Moravia (Fig. 10).
Biology. Rare species with poorly known biology, recorded especially around pools and channels with submerged plants. *Potamogeton lucens*, *Potamogeton natans* and probably also *Potamogeton crispus* are supposed to be its host plants, but details about its biology and development are unknown (Skuhrovec et al. 2011). It is rarely swept on littoral vegetation or sifted from dry plant matter around small pools and channels, more commonly in warmer regions. Adults are observed from May to September.
Conservation. Benedikt & Strejček (2005) marked this species as VU – vulnerable, Stejskal et al. (2017) as DD – data deficient. There is no good knowledge on the biology of this species, but it seems to be very rare both in the past and the present. Although the host plants are not very rare and can be found at many localities, *Bagous limosus* is very rare and occurs only at specific sites.

Bagous longitarsis C. G. Thomson, 1868

Morphology. Smaller species of total length 2.3–2.8 mm. Body oval but not robust, with scales on elytra forming pattern of one or more spots. Very similar to *Bagous collignensis*, *B. claudicans*, *Bagous rufimanus* Hoffmann, 1954 and *Bagous vivesi* González, 1967 but differs in the length and shape of the tarsus and male genitalia (Caldara & O'Brien 1998).
Distribution. Species known from north and central Europe, recorded also in east Poland and Slovakia. Probably occurs also in Asian Russia, where it is known also from two parts of Siberia (Caldara & O'Brien 1998, Skuhrovec et al. 2011).
Distribution in the Czech Republic. Known from both Bohemia and Moravia, more records are known from Bohemia, especially the warmer regions with many ponds and water

reservoirs. Recently very frequently recorded from water reservoirs in former sandpits and river branches. It is not a common species but has several localities in several regions of the Czech Republic (Fig. 11).
Biology. Totally aquatic species occurring in sandpits with water reservoirs, ponds and channels. Adults feed on leaves of the host plant – *Myriophyllum verticillatum*. Larvae feed on the same plant and probably also on other species of the genus. Adults can be found from May to September on the host plant and can be also sifted from dead plant matter in littoral parts in other months of the year (Sprick 2001).
Conservation. Benedikt & Strejček (2005) and Stejskal et al. (2017) marked this species as NT – near threatened. This species is connected with water reservoirs without fish production, which destroys the submerged plants. However, it is not recorded at every site with its host plant. Thus, it is necessary to preserve the localities for this species. Its situation is not bad because recently, 18 sites of its occurrence have been reported, while it was recorded at only five sites before the year 1970.

Bagous lutosus (Gyllenhal, 1813)

Morphology. Larger species of total size 3.5–4.2 mm. Characteristic elongated abdomen and prolonged elytra, with a pattern of yellowish and brownish scales forming stripes. It has also flat, wide tarsi on the forelegs (Caldara & O'Brien 1998).
Distribution. This species is widespread in most of Europe and eastwards to west Russia, Near East and the Caucasus. It is absent in Portugal, Spain and south France, also in south parts of the Balkan Peninsula, Greece and Turkey. Also recorded in Siberia (Caldara & O'Brien 1998, Legalov 2010, Skuhrovec et al. 2011).
Distribution in the Czech Republic. Species known from many localities in Bohemia, in Moravia it is much rarer. However, it is recently recorded at only six sites in Bohemia and one in north Moravia (in comparison to 20 past records). Finding this species is very difficult, it is occasionally found on leaves of host plants on the water surface, very rarely swept from plants above water or sifted from littoral plant matter. It is probably more reliable to take plants from water and put them into an eclector (Fig. 12).
Biology. Species of small pools, ponds, river beds and channels. The host plant of this species is *Potamogeton gramineus*. Larvae feed in stems of this plant, adults can be found also on leaves of other plants (Hensen et al. 1991, Sprick 2000). Previous studies with *Sparganium erectum* supposed to be host plant of this species were confused by the fact that adults were being found on leaves of plants growing from water at sites with *P. gramineus* (Sprick 2001).
Conservation. Benedikt & Strejček (2005) marked this species as VU – vulnerable, Stejskal et al. (2017) as EN – endangered. This species is one that was quite common and widespread in the past, and has recently become very rare. Its rarity probably corresponds with the host plant, which is also in decline and critically endangered. Recent studies show that the species only survives at sites without changes, and the conservation of sites for *B. lutosus* is needed.

Bagous lutulentus (Gyllenhal, 1813)

Morphology. Smaller species, total length 2.6–3.5 mm, with oval, not robust body. Dark or black tarsi on forelegs are typical, as is the shape of prothorax and male genitalia (Dieckmann 1964).

Distribution. Species occurring in most of Europe, absent from Portugal, Spain and southern France. Recorded also in the Near East, Caucasus and Siberia (Sprick 2000, Legalov 2010). It is also recorded at higher altitudes around 700 m a. s. l. (Knutelski 1993).
Distribution in the Czech Republic. Widespread species, especially in warmer parts of the country (South Moravia, Polabí lowland). With many historical and recent records, however, it is not very common and is recorded quite sporadically and occasionally. Previously, it was recorded at many localities around Prague, but recently it has been absent there (Fig. 13).
Biology. This species occurs in lakes, ponds, smaller pools, peat bogs, wet meadows and road depressions from May to August. It occurs also at higher altitudes around 800–900 m a. s. l. Most individuals are found in spring time, while the second generation probably aestivates and then goes directly into hibernation (Skuhrovec et al. 2011) but it is sometimes also collected later (until August). *Bagous lutulentus* is monophagous on *Equisetum fluviatile*, Gosik (2013) mentioned also *Equisetum sylvaticum* as host plant of this species. Adults feed on *E. fluviatile* and lay eggs on the plant. Larvae live outside the stems and especially on the tops of them, where they make distinctive curvations, typical of plants with larvae of this species. They pupate on the host plant. Adults stay on the plant until the end of June (Gosik 2009, 2013).
Conservation. Benedikt & Strejček (2005) and Stejskal et al. (2017) classified this species as NT – near threatened. This shows the character of distribution and occurrence of *B. lutulentus* in the Czech Republic – recently, the species has a similar number of localities as it had in the past (30 recent and 32 past). Recently, it is endangered by destruction, drying and pollution of wetland sites. It is quite numerous, but damaging its localities could make it rare and have a negative effect on the distribution of this species in the Czech Republic. Another problem is that this species is difficult to find – it is only possible to collect this species in spring.

Bagous lutulosus Gyllenhal, 1827

Morphology. Small, robust species, total length 2.4–2.9 mm. It has slightly flattened body, shorter elytra than other species, and short tarsi. It has specific clouded colouration on elytra consisting of differently brownish scales. It is very similar to the related species *Bagous brevis* and *Bagous lothari* Caldara and O'Brien, 1998 but differs in its shorter tarsi and the shape of the male genitalia (Caldara & O'Brien 1998).
Distribution. Rare species distributed in northern, and also sparsely in southern and central Europe, where it probably occurs in most countries. In the south, it reaches the north of Spain, France and Italy. Recorded also from Morocco (Sprick 2000).
Distribution in the Czech Republic. This species was recorded in 12 squares in both Moravia and Slovakia in past, but only in two sites recently. A record from Třeboňsko PLA is older (1980) and now it is known only from Hradec Králové, Na Plachtě NM, where it has a strong population (Fig. 14).
Biology. Monophagous species, feeding on *Juncus bufonius*. This species needs specific conditions for its development. Larvae are ectophagous on small plants of *J. bufonius* while they need non-flooded sites with their host plant. They pupate in soil under the host plant and need the soil to be dry (Wanat 2011). The host plant is not rare but it is a pioneer species of open, non-overgrown sites and *B. lutulosus* probably has limited dispersion and occurs only at sites where the host plant is present long-term (relict species). At Na Plachtě NM, the management, or disturbance by army vehicles, is very beneficial to this species.

Conservation. Benedikt & Strejček (2005) classified this species as EN – endangered. Stejskal et al. (2017) as CR – critically endangered, based on the lack of recent records. This species is in a similar situation in most of Europe, in Germany it is present only at a few sites, most of which are former military training areas (Sprick 2000). Recently, it is shown that this species cannot disperse and is bound to its present localities. Conservation of all its sites is very necessary. In the Czech Republic, it is recently known from only one locality, where a strong population is established thanks to the management by disturbance by army vehicles.

Bagous majzlani (Kodada, Holecová et Behne, 1992)

Taxonomic notes. This species was previously classified together with *B. elegans* in a separate genus *Dicranthus*. Caldara & O'Brien (1998) moved this species into the genus *Bagous*.
Morphology. Species very similar to *Bagous elegans*, previously classified in the separate genus *Dicranthus*. It is among the biggest species, with total size between 4.7–8.2 mm, and has characteristic elongated body, long rostrum and projections on the elytra. It differs from the very similar species *B. elegans* in the lighter, yellowish colour, and in males also in the shape of the genitalia (Caldara & O'Brien 1998).
Distribution. Recorded in most of Europe, absent in the north and south-western parts of the continent. Known from the following countries: Netherlands, Germany, Poland, Austria, Slovakia, Hungary, north Italy, Romania, Balkans Peninsula and Sarepta region in Russia (Sprick 2000). Also occurs in the Middle East (Skuhrovec et al. 2011).
Distribution in the Czech Republic. The only known locality is Drnholec in Moravia, with one record from 1964. However, Benedikt et al. (2010) reported an unspecified new find after the year 1970, and the species probably occurs in the south of Moravia. Further investigation at localities with the host plant is needed (Fig. 15).
Biology. This species is recorded in areas with large populations of *Glyceria maxima*, which is reported to be its host plant. Adults are found inside the plant stalks and also on the plant surface under the water (Kodada et al. 1992). Larvae and details of development are unknown.
Conservation. Species with only poorly known biology. Benedikt & Strejček (2005) classified it as critically endangered – CR in the Czech Republic, Stejskal et al. (2017) classified this species in the same category. In my opinion, this species is a typical example of a DD – data deficient species, where further research is needed.

Bagous nodulosus Gyllenhal, 1836

Morphology. One of the larger species, total length 4.3–6.2 mm. Has characteristic blunt tubercles on flattened elytra and usually uniform colouration. *B. binodulus* is similar, but has four tubercles on the elytra and the more apical pair are much sharper (Caldara & O'Brien 1998).
Distribution. Rare species with a broad distribution in most of Europe, Turkey, Syria, Georgia and also in Khanty-Mansisk and Altai regions of the Russian Far East (Sprick 2000, Legalov 2010). In Europe, it was recorded in many countries but is rare everywhere and its distribution area is disjunct (Sprick 2000).
Distribution in the Czech Republic. Species known mainly from warmest parts of the Czech Republic – Polabí lowland in central Bohemia and south Moravia. However, its recent occurrence in Bohemia is only very sporadic; a record from Poděbrady from 1978 may be

older and inaccurate. The only recent find is a single specimen collected near Běleč nad Orlicí in 2014. On the contrary, in south Moravia it has six recent localities, where it forms weak populations. It was slightly more common in the past with 15 records of occurrence from the Czech Republic (Fig. 16).

Biology. This species occurs usually in smaller pools, river beds and at ponds with rich littoral vegetation. Monophagous species on the water plant *Butomus umbellatus*. Adults are being found on the plant, usually under the water, sometimes they are active on the surface of leaves above the water. They make typical round feeding marks on the leaves (Häffliger 2010). Adults lay eggs on the underwater parts of host plant and the larvae feed inside the leaves or between them under the water, where they also pupate. Adults are active from end of March and they are most frequently observed in May and June, larvae feed from June to July and the new generation appears at the end of July or beginning of August (Gosik 2006). Adults spend the winter on banks among the dead leaves of their host plant.

Conservation. Rare species affected by changes in wetlands. It needs shallow water with the host plant growing out of the water. Benedikt & Strejček (2005) and Stejskal et al. (2017) classified this species as VU – vulnerable, which reflects its rarity and the decline of records especially in Bohemia. My opinion is that it could be EN, because of the decline of the number of sites and its near disappearance in Bohemia.

Bagous petro (Herbst, 1795)

Morphology. Small species, total size 2.2–2.7 mm. It has a characteristic round body shape, short pronotum and abdomen, only slightly similar to *B. diglyptus*. It is usually uniformly greyish coloured, sometimes with dark grey or black abdomen and light grey to whitish pronotum. Rostrum is robust but short (Caldara & O'Brien 1998).

Distribution. Very rare species with only a few records from some countries of Europe, distributed in the southern part of northern Europe, eastwards to Belarus and Ukraine, and south to western France, north Italy and Macedonia (Caldara & O'Brien 1998). In Germany recorded at one only site near Berlin (Hendrich & Unmüssig 1997), in Great Britain without recent records (Sprick 2000).

Distribution in the Czech Republic. There are only five localities known from the Czech Republic. Strejček (1976) reported an old find from Podivín (1970), one specimen deposited in the collections of the National Museum, Prague, was collected in 1943 in Mutěnice; an additional specimen is known from Strachotín (Benedikt et al. 2010). The only recent locality is known from east Bohemia in Žernov Nature Reserve, where Krátký (2007) published the first records and other specialists repeated the findings (Fig. 17).

Biology. Species of pool embankments, its host plant is probably the critically endangered *Utricularia vulgaris*. Also the more common *Utricularia australis* is reported as a possible host plant for this species (Sprick 2000). Adults live usually underwater, while they come out only on very hot evenings. J. Krátký and J. Pelikán (pers. observ.) repeatedly reared this species from mud at the bottom of a pool. He tried to feed the adults with leaves of *Utricularia* and *Potamogeton* but they refused both of them. P. Sprick (pers. inf.) thinks that this species feeds on species of the family Cyperaceae, with *Eriophorum* spp. the most likely host plant (Skuhrovec et al. 2011).

Conservation. Critically endangered species (Benedikt & Strejček 2005, Stejskal et al. 2017). However, we do not know the exact host plant, or the needs of this species. Its distribution is strange and perhaps it is thought to be rarer than it is, because of the difficulty in finding this species, which has weak populations and lives in mud or in water.

Bagous puncticollis Boheman, 1845

Morphology. Middle-sized species, total length between 2.6–3.3 mm. It looks very similar to most of the other species but differs by the straight sides of pronotum and typical V-shaped emargination on the central part of elytra (Caldara & O'Brien 1998).
Distribution. European species, distributed in most of north and central Europe, absent in south Europe, except records from south France, Bosnia and south Italy (Sprick 2001, Alonso-Zarazaga 2005). Known from many European countries but usually rare and not numerous.
Distribution in the Czech Republic. Very rare species with only a few records from warmest parts of the country – Polabí lowland in Bohemia and south parts of Moravia. However, the records from Polabí and vicinity of Prague are old, the newest from Čelákovice and Přerov nad Labem date back to 1947 and 1948 respectively. The only recent find from Bohemia is from Branná in Třeboňsko Protected Landscape Area in 2004. In the south of Moravia, it was recently recorded at Vracovice and Čížov, all other records are older than from 1970 (Fig. 18).
Biology. Species of pools, ponds, river beds and channels with rich communities of water plants, very rare in most of its distribution area. On the contrary, in some localities it is quite numerous. *Hydrocharis mors-ranae* is the host plant of the species (Sprick 2001). Hoffmann (1954) also supposed two other plants of the same family – *Stratiotes aloides* and *Elodea canadensis* to be host plants of this weevil. P. Sprick (pers. comm.) observed adults feeding on *E. canadensis*, however, the development on this plant was not recorded. Adults are active from May to July, larvae have never been recorded, but it is supposed that this species feeds inside the leaves or leaf petioles under the water.
Conservation. Benedikt & Strejček (2005) classified this species as VU – vulnerable, Stejskal et al. (2017), based on the very restricted recent distribution as EN – endangered. Recently it is known from five squares in comparison with eight squares in past. This species is restricted in its development to endangered water plant with limited distribution in the country (Kubát et al. 2002) and it does not occur at all sites where the host plants grow in higher abundances (P. Bogusch, unpubl. data). *Bagous puncticollis* usually forms very weak populations, and is only occasionally found.

Bagous robustus H. Brisout de Barneville, 1863

Morphology. Middle sized species of total length 3.5–4.8 mm. Very similar in general appearance to *Bagous lutulentus*, with which it was synonymised for a long time. Dieckmann (1972) resurrected this species from synonymy based on differences in the male genitalia and the tarsi of the forelegs – *B. lutulentus* has dark grey or black tarsi, and *B. robustus* reddish (Caldara & O'Brien 1998).
Distribution. Rare species occurring in most of Europe, north to south Sweden, Finland and the southern part of Russia. It was also recorded from North Africa, Near East and Siberia (Legalov 2010). It is very rare or extinct in most European countries.

Distribution in the Czech Republic. Species recorded from several localities in all regions of the Czech Republic, however, its recent occurrence is sparser than it was in past (five squares recently in comparison to nine in past). It is absent in all former localities in central Bohemia and around the capital and the situation is the same in south Moravia. Recently, it has been recorded more in mesic sites and not in the warmest parts of the country. It is known from two sites in west Bohemia, the locality Na Plachtě in Hradec Králové, two localities in east Bohemia and one near Tábor in south Bohemia. There is quite a recent record from the north of Moravia – Děhylov. It is usually recorded as single specimens, and is not as numerous as *H. alismatis*, which occurs on the same host plants (Fig. 19).
Biology. Species of wet, peaty meadows with small pools, with only one host plant *Alisma plantago-aquatica* (Koch 1992). Adults are visible on plants from spring to autumn and lay eggs on the surface of the plant above the water. Larvae feed on young plants with fresh leaves inside the stems and leaves, which are typically deformed in the apical parts. They are visible on plants from May to June, pupation takes place in June or beginning of July. Only one larva was found on each plant (Gosik 2003). This species is probably affected by competition with *H. alismatis*, which is more common, widespread and usually numerous at the localities.
Conservation. Although the host plant is quite widespread in the Czech Republic, *B. robustus* is rare and was marked by Benedikt & Strejček (2005) as NT – near threatened, and by Stejskal et al. (2017) as VU – vulnerable. Conservation of wetlands and peaty meadows with small pools and the host plant could help the species to become commoner.

Bagous rotundicollis Boheman, 1845

Morphology. Middle sized species, total length between 3.9–4.4 mm. It has a characteristic elongated rostrum, especially in females (Caldara & O'Brien 1998).
Distribution. Extremely rare European species known from central Europe, present in the Netherlands, Germany, Poland, Czech Republic, Austria, Hungary, Italy and Sicily and former Yugoslavia. It is known in most countries from less than five records and localities (Sprick 2000).
Distribution in the Czech Republic. Species known from only one locality in south Moravia – Písečný rybník Natural Reserve, where it is still numerous (Benedikt et al. 2010). However, it was not recorded at any other locality in the Czech Republic (Fig. 20).
Biology. It prefers water pools with trees around, which protect the water surface from the wind. The host plant is *Nymphaea alba*, which is probably the only host plant of this species (Sprick 2001). Some other authors (Dieckmann 1983, Caldara & O'Brien 1998) recorded besides this host plant also *Nuphar lutea*, on which especially populations from south Europe are being found. However, these populations probably belong to a separate undescribed species, which is morphologically very similar to *B. rotundicollis* (Skuhrovec et al. 2011, Caldara et al. 2017). Larvae feed inside the leaf stem of the host plant. Adults mate in spring and lay eggs 25–30 cm under the water surface, larvae migrate towards the surface, where they pupate usually 5–10 cm beneath the water surface (Dieckmann 1983, Heinig 1985). Adults are being found in spring and late summer on the upper surface of the leaves or more frequently under the leaves in water. In autumn, they leave the water and can be sifted from dead plant matter from littoral parts of the pool (Dieckmann 1983).

Conservation. Benedikt & Strejček (2005) and Stejskal et al. (2017) classify this species under the category CR – critically endangered. Although this species has only one locality in the Czech Republic and was never found at any other locality, and the population is probably stable, it is endangered and the locality needs application of appropriate conservation tools to preserve the population. It is also necessary to find out the localities with native populations of the host plant and check if this weevil is present there. Introduction of several specimens to new localities could probably help this species to become more numerous. *Bagous rotundicollis* cannot fly and has very limited dispersal ability and this may be the main reason for its rarity (Skuhrovec et al. 2011).

Bagous subcarinatus Gyllenhal, 1836

Morphology. Middle sized or smaller species, total length 2.8–3.2 mm. It has characteristic long tarsomeres on its foreleg, which are of triangular shape and are longer than in the very similar *B. longitarsis* (Caldara & O'Brien 1998). It has typical punctation of furrows on the elytra.
Distribution. Species occurring in Europe and Asia, recorded also from North Africa, eastwards reaching Uzbekistan. It is quite common and was recorded in Europe, Turkey, Near East, Caucasus, and North Africa (Sprick 2000). It is known from many European countries.
Distribution in the Czech Republic. Species recorded recently more often than in past (26 squares vs. 12). It is known from many localities and its distribution corresponds with the Czech thermophyticum – warmest parts of the country. It lives mostly under the water but tens of specimens are often collected (P. Bogusch, unpubl. data). This species can fly and is very good at spreading to new localities (Fig. 21).
Biology. Species of water pools, wetland marshes, river branches, and channels. *Ceratophyllum demersum* is its host plant (Dieckmann 1981), but this weevil probably also feeds on *Ceratophyllum submersum*, on which Staniec & Gosik (2003) confirmed feeding of larvae and adults in the laboratory. Dieckmann (1961) also recorded this species as probably feeding on *Glyceria maxima,* and it is very often found on *Phragmites australis* and *Phalaris arundinacea*. These plants probably do not host its larvae but adults use them for other purposes. Adults live under the water and larvae feed inside the stems of their host plants (Gosik 2013). Adults are active on warm evenings from May to September and can be swept from littoral vegetation. They leave the water in autumn and can be sifted from dead plant matter in littoral parts of the localities.
Conservation. Benedikt & Strejček (2005) classified this species in the category NT – near threatened, Stejskal et al. (2017) as LC – least concern. This species is probably one of a few common species (at least in the warmest regions of the country) and does not need special conservation. However, its localities are usually wetland types of conservation interest, and this species can be used as diagnostic species of water reservoirs with rich populations of submerged plants, which are important sites for many water plants and animals.

Bagous tempestivus (Herbst, 1795)

Morphology. Smaller species with more slender body, total length 2.2–3.2 mm. It belongs to the group of species with a more slender body and short tarsomeres, together with *Bagous*

czwalinai Seidlitz, 1891 and *Bagous macedon* Caldara and O'Brien, 1998. Differences between these species are very disputable and *B. tempestivus* is very variable in morphology, so determination of this species is very difficult (Caldara & O'Brien 1998). Specimens from the Czech Republic determined as *B. czwalinai* are in reality atypical specimens of *B. tempestivus*, which appear in several characters somewhat similar to *B. czwalinai*, but totally differ from the type specimen of this species (P. Bogusch revised).
Distribution. Present in most of Europe except south Europe (recorded only in the northern parts of some south-European countries), also from the Near East and Russia (European part of Siberia (Legalov 2010)).
Distribution in the Czech Republic. One of more common species, recorded predominantly in warmer parts of the Czech Republic but also outside these regions, especially along big rivers. Its main regions of occurrence are around Prague, Hradec Králové, and in south Moravia. It has slightly fewer recent localities than in the past (38 versus 50) (Fig. 22).
Biology. This species occurs on alluvial plains along rivers, in ponds and pools and river branches. Its main host plant is *Ranunculus repens*, larvae were found in root necks of the host plant (Dieckmann 1972). Other species of this genus, especially *Ranunculus aquatilis* and *Ranunculus sceleratus* are supposed to be also host plants of this species (Skuhrovec et al. 2011), adults were observed feeding on species of *Carex* (Cyperaceae), *Potamogeton* (Potamogetonaceae) and *Sagittaria* (Alismataceae) (Dieckmann 1983), some of these plants were supposed to be host plants of this species (Hoffmann 1954). The author collected this species only on water plants of the genus *Batrachium* (Ranunculaceae), where *B. tempestivus* was in some cases very numerous. Thus, the development of this species is also possible on plants of this genus. Adults are active on host plants and fly, so they can be also light-trapped or collected using window traps (Sprick 2001).
Conservation. Benedikt & Strejček (2005) classified this species in the category VU – vulnerable, Stejskal et al. (2017) NT – near threatened. This species is quite common and numerous in the Czech Republic and host plants of the genera *Ranunculus* and *Batrachium* are also widespread. However, it has recently been found at a lower number of localities and has not been recorded from former sites with *Ranunculus.* Conservation of biotopes of this weevil can also help other rarer species to survive in the landscape.

Bagous tubulus Caldara et O'Brien, 1994

Morphology. Species with characteristic very elongated and slender body. Smaller species of total length between 2.8–3.5 mm, but the size is very variable. *Bagous frivaldszkyi* is very similar but more robust and has a shorter rostrum (Caldara & O'Brien 1998).
Distribution. European species, known from most of Europe except the southernmost countries, in most countries quite common. Absent in Spain, Portugal and the Balkan Peninsula. It occurs also in two southern parts of Siberia – Novosibirsk and Irkutsk (Sprick 2000, Legalov 2010).
Distribution in the Czech Republic. Most common species of the genus, recorded in most of the Czech Republic, with more records in warmer parts of the country. It is more often recorded in Bohemia than in Moravia (Fig. 23).
Biology. This species occurs at marshes, peaty meadows and around ponds and small pools. The host plant of this species is *Alopecurus aequalis*, where adults, larvae and pupae were observed and where also recent specimens from the Czech Republic were collected (Dieckmann

1983, Riedel 1989). Other plants were recorded as possible host plants – *Glyceria fluitans* and *Glyceria maxima* (Caldara & O'Brien 1998), *Alopecurus geniculatus* and *Agrostis stolonifera* (Sprick 2000). Many adults were observed on plants of the genus *Callitriche* (Plantaginaceae) in the south of France (Tempére & Péricart 1989).
Conservation. Benedikt & Strejček (2005) and Stejskal et al. (2017) recorded this species as LC – least concern. This species is quite widespread in the Czech Republic and locally common. Empty parts of the country with no records are in many cases the result of lack of investigation in these regions.

Bagous validus Rosenhauer, 1847

Morphology. Larger species, total size 3.4–5.5 mm. Characteristic robust body with elytra only slightly longer than wide, and no maculae on the elytra, some specimens have an ill-defined irregular pattern of scales there (Caldara & O'Brien 1998).
Distribution. Species recorded from south-Eastern Europe, reaching the Czech Republic, Slovakia and Austria as north-western edge of its range. In the south, known from Romania, former Yugoslavia and Greece, Turkey, Near and Middle East, and some parts of Russia (Caldara & O'Brien 1998, Pešić 2000).
Distribution in the Czech Republic. Only records from the year 2004 from Lednice in south Moravia are known, but the species was not recorded there after that although localities with the host plant in south Moravia were studied (P. Bogusch & P. Häffliger, unpubl. data) (Fig. 24).
Biology. Species of water channels, pools and marshes, very rare in Europe. *Butomus umbellatus* is the host plant of this species, and it is often recorded together with the more common *B. nodulosus*. Adults are visible on the host plant from spring to late summer, they feed on the leaves, where they make typical feeding marks (Dieckmann 1983). Larvae probably feed inside the leaves or in bulbs under the water, but laboratory breeding is difficult and does not produce good results (P. Häffliger, pers. comm.).
Conservation. Benedikt & Strejček (2005) and Stejskal et al. (2017) classify this species as CR – critically endangered. It is known from the Czech Republic only from a single find from one locality. It is necessary to preserve the localities of its host plant.

DISCUSSION

In total, 24 species of the tribe Bagoini (one of the genus *Hydronomus* and 23 of the genus *Bagous*) are known from the Czech Republic. Most of the species were recorded in the past and also recently, only *B. binodulus*, *B. brevis* and *B. majzlani* have their most recent records from before the year 1970. *Bagous czwalinai*, recorded by Benedikt et al. (2010) was not confirmed, all records revised by the author refer to *B. tempestivus*, which is very similar in general appearance.

Another 11 species occur in neighbouring countries and their occurrence in the Czech Republic is possible: *Bagous aliciae* Cmoluch, 1983 (Poland), *Bagous biimpressus* Fåhraeus, 1845 and *Bagous bulgaricus* Angelov, 1989 (Hungary), *B. claudicans* (Germany, Poland), *B. czwalinai* (Austria, Germany, Hungary, Poland, Slovakia), *B. dieckmanni* (Hungary, Slovakia), *B. elegans* (Germany, Hungary, Poland), *B. frivaldszkyi* (Hungary, Poland, Slovakia), *Bagous geniculatus* (Hochhuth, 1847) (Austria, Hungary), *B. lothari* (Austria, Hungary, Slovakia), and *B. rufimanus* (Austria, Hungary, Slovakia) (Caldara 2013). In particular, the species *B. lothari* was recently

recorded in the south of Slovakia, and together with *B. frivaldszkyi* and *B. rufimanus* occurs close to the Czech border (Skuhrovec et al. 2011, Caldara 2013, Benedikt et al. 2017).

Most of the species are very rare in the Czech Republic, with less than ten recent sites of occurrence, of these *B. petro*, *B. rotundicollis*, *B. validus* and probably also *B. lutulosus* are known only from one recent locality. In contrast, the most common species have more than 30 recent localities – *B. tubulus*, *B. tempestivus* and *H. alismatis*, also *B. lutulentus* and *B. subcarinatus* are locally common and numerous. A very extensive decline was observed for *B. glabrirostris* and *B. lutosus*, also formerly the rare species *B. nodulosus*, *B. puncticollis* and *B. robustus* are becoming very rare and endangered.

Most of the species are endangered because of loss of their habitats, which is not recent problem, but has gone on for many years. These weevils are bound to small pools, ponds with rich littoral margins and with rare plants, river branches and channels, which are affected by meliorations, carp production and probably also by recreational activities. Recently, nearly all their localities are restricted to non-regulated river parts or ponds and pools unused by their owners. Several species are becoming more frequently found at early succession sites, especially post-industrial sites without reclamation processes (former sandpits with water reservoirs, military training areas). Their specialization on their host plants is also significant; many species are strictly monophagous and bound to very rare plant species. The host plants of two species – *Stratiotes aloides* for *B. binodulus* and *Nymphaea alba* for *B. rotundicollis* are nearly extinct in the Czech Republic, and although they are being planted at secondary sites, the weevils cannot reach these new localities and form populations there. Since conservation of wetlands has been improving recently here in the Czech Republic, it is likely that several species of *Bagous* will hopefully become more common than they were in the past or have been in recent years. However, a very significant problem is connected with changed landscape use in former periods, which has resulted in wetlands in the Czech Republic comprising only a small area. The most numerous communities of *Bagous* species are found in wetlands with larger areas of littoral vegetation.

The last point to consider is the generally low level of interest in this group of beetles. They do not belong to the typical groups of water beetles favoured by water beetle specialists, and the lifestyle of these weevils makes them difficult to find. Only a combination of capturing methods used in the right seasons can bring good results. Also, their identification is quite problematic – useful keys exist but several groups of *Bagous* are very difficult to identify and their determination is impossible without well-identified specimens for comparison.

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SOUHRN

Tribus Bagoini představuje poměrně málo početnou skupinu nosatcovitých brouků. Celosvětově je známo okolo 250 druhů (Caldara & O'Brien 1998, Caldara et al. 2017), z České republiky je známo 24 druhů dvou rodů *Bagous* Germar, 1817 (23 druhů) a *Hydronomus* Schönherr, 1825 (1 druh) (Benedikt et al. 2010). Jedná se o spíše menší druhy nosatců

o celkové délce těla 2–5 mm, některé větší druhy můžou dorůstat až k 9 mm. Zbarvení je hnědavé s kresbou především na krovkách tvořenou šupinkami, u některých druhů najdeme na krovkách i výběžky či hrbolky, které jsou důležitými determinačními znaky. Většina druhů je však vzájemně velmi podobných, což činí z tohoto tribu taxonomicky a determinačně složitou skupinu. Zástupci tohoto rodu se ekologicky odlišují od většiny ostatních nosatců vazbou na vodní a mokřadní rostliny, jen málo druhů se vyskytuje na vyloženě terrestrických biotopech (v České republice jen druh *Bagous diglyptus* Boheman, 1845 a ve střední Evropě ještě *Bagous aliciae* Cmoluch, 1983 (Polsko)) (Sprick 2000, Gosik 2013). Některé druhy dokonce žijí jen ve vodě a mimo vodu se vyskytují pouze dospělci, přezimující v litorálních pásmech stojatých či tekoucích vod.

Přehled druhů

Hydronomus alismatis (Marsham, 1802) je druh potravně vázaný na žabníky (*Alisma*) a šípatky (*Sagittaria*). V České republice se vyskytuje především v teplých oblastech a patří k hojnějším zástupcům (obr. 1).

Bagous argillaceus Gyllenhal, 1836 je vzácný druh, historicky i v současnosti jen s několika málo údaji o výskytu na našem území. Živná rostlina není známá (obr. 2).

Bagous bagdatensis Pic, 1904 je nově zjištěný druh z našeho území, známý ze dvou lokalit. Nemá známou živnou rostlinu (obr. 3).

Bagous binodulus (Herbst, 1795) je potravně vázaný na řezan pilolistý (*Stratiotes aloides*). V České republice vymizel, podobně jako původní populace jeho hostitelské rostliny (obr. 4).

Bagous brevis Gyllenhal, 1836 je potravně vázaný na pryskyřník plamének (*Ranunculus flammula*). Jeho živná rostlina je sice především v teplých oblastech hojná, tento druh nosatce však zřejmě vyhynul na území České republiky (obr. 5).

Bagous collignensis (Herbst, 1797) je poměrně vzácný druh, potravně vázaný na stolístky (*Myriophyllum*). Žije trvale ve vodě (obr. 6).

Bagous diglyptus Boheman, 1845 je jediným naším suchomilným druhem, vyskytuje se na suchých otevřených stanovištích s živnými rostlinami – lomikameny cibulkonosným (*Saxifraga bulbifera*) a l. zrnatým (*S. granulata*). Je vzácný a vyskytuje se jen na několika málo místech v ČR (obr. 7).

Bagous frit (Herbst, 1795) je reliktní druh rašelinných luk, potravně vázaný na vachtu trojlistou (*Menyanthes trifoliata*). Vyskytuje se zřejmě trvale pod živnou rostlinou a nesnadno se sbírá. V ČR je vzácný, ale cíleným vyhledáváním byl v poslední době zjištěn na několika nových lokalitách (obr. 8).

Bagous glabrirostris (Herbst, 1795) nemá známou živnou rostlinu. V minulosti se vyskytoval především v teplých oblastech poměrně často, v současnosti je velmi vzácný, a navíc většina nálezů tohoto druhu pochází z období před rokem 1970 (obr. 9).

Bagous limosus (Gyllenhal, 1827) je potravně vázaný na rdesty (*Potamogeton*). Je velmi vzácný, vyskytuje se jen na jižní Moravě v okolí Lednice a Břeclavi (obr. 10).

Bagous longitarsis C. G. Thomson, 1868 je potravně vázaný na stolístky (*Myriophyllum*). Je to častější druh, zejména v teplých oblastech, u kterého přibylo nálezů. I tak však není hojný a nachází se jednotlivě a vzácně (obr. 11).

Bagous lutosus (Gyllenhal, 1813) je dříve častější druh, který je v současnosti známý jen z velmi malého množství lokalit, a tudíž jeden z našich nejohroženějších druhů. Potravně je vázaný na rdesty (*Potamogeton*) (obr. 12).

Bagous lutulosus Gyllehnal, 1827 je velmi vzácný druh s ektofágními larvami, potravně vázanými na sítinu žabí (*Juncus bufonius*). V současnosti se vyskytuje početná populace v PP Na Plachtě v Hradci Králové, jiné recentní lokality v ČR nejsou (obr. 13).

Bagous lutulentus (Gyllenhal, 1813) patří mezi lokálně hojnější druhy, je potravně vázaný na mokřadní přesličky (*Equisetum*). V ČR se vyskytuje roztroušeně na většině území (obr. 14).

Bagous majzlani (Kodada, Holecová et Behne, 1992) byl nalezen jen jednou na jižní Moravě. I když existují dohady o tom, že by se měl na jihu Moravy stále vyskytovat, důkazy nejsou. Potravně je vázaný na zblochan vzplývavý (*Glyceria fluitans*) a žije jen ve vodě (obr. 15).

Bagous nodulosus Gyllenhal, 1836 je potravně vázaný na šmel okoličnatý (*Butomus umbellatus*). V současnosti je vzácnější než dříve a populace tohoto druhu nejsou příliš silné. V Čechách vymizel, existuje jediný údaj z okolí Hradce Králové (obr. 16).

Bagous petro (Herbst, 1795) je drobný druh s neznámou živnou rostlinou. V ČR byl nalezen jen na pěti lokalitách, v současnosti existují nálezy jen z PR Žernov ve východních Čechách (obr. 17).

Bagous puncticollis Boheman, 1845 je potravně vázaný na voďanku žabí (*Hydrocharis mors-ranae*), možná i na další rostliny. V ČR byl vždycky vzácný, recentní údaje existují jen z Třeboňska a jižní Moravy (obr. 18).

Bagous robustus H. Brisout de Barneville, 1863 žije na žabnících (*Alisma*). Vyskytuje se jen na několika málo lokalitách v ČR a je možné, že trpí konkurencí druhu *Hydronomus alismatis* a dalších druhů hmyzu potravně vázaných na živnou rostlinu (obr. 19).

Bagous rotundicollis Boheman, 1845 je potravně vázaný na leknín bílý (*Nymphaea alba*). Historicky i v současnosti je známý jen z PR Písečný rybník u Milotic na jižní Moravě. Jelikož má omezené schopnosti šíření a živná rostlina se v současnosti přirozeně vyskytuje jen na několika málo místech v ČR, jedná se o kriticky ohrožený druh (obr. 20).

Bagous subcarinatus Gyllenhal, 1836 žije ve vodě na růžkatcích (*Ceratophyllum*). Vyskytuje se především v teplých oblastech ČR a místy není vzácný (obr. 21).

Bagous tempestivus (Herbst, 1795) se vyskytuje roztroušeně na většině území, nikde však není příliš hojný. Živnými rostlinami jsou pryskyřníky (*Ranunculus*), v současnosti bývá nalézán častěji na lakušnících (*Batrachium*) (obr. 22).

Bagous tubulus Caldara et O'Brien, 1994 je náš nejhojnější druh, vyskytuje se na většině území a je potravně vázaný na psárku plavou (*Allopecurus inaequalis*) (obr. 23).

Bagous validus Rosenhauer, 1847 je potravně vázaný na šmel okoličnatý (*Butomus umbellatus*). Je známý jen z jedné lokality v ČR, kde byl jednou nalezen v prosevu. I přes opakované návštěvy dalších potenciálních lokalit s živnou rostlinou nebyl nikde zaznamenán (obr. 24).

Striktní vazba na ohrožená mokřadní stanoviště a velmi častá úzká monofagie předurčuje tyto nosatce k vzácnosti. Z celkového počtu 24 druhů známých z území České republiky jsou tři považovány za dlouhodobě nezvěstné, jedná se o druhy *B. binodulus*, *B. brevis* a *B. majzlani*. Pouze jeden druh byl nově objeven na našem území v nedávné době, a to *B. bagdatensis*. Druhy *B. petro*, *B. rotundicollis*, *B. validus* a pravděpodobně i *B. lutulosus* jsou z České republiky známé recentně jen z jedné lokality výskytu. Oproti tomu druhy *B. lutulentus*, *B. subcarinatus*, *B. tempestivus*, *B. tubulus*, a *Hydronomus alismatis* jsou početnější s více než 20 místy výskytu v současnosti. Velký úbytek oproti dřívějšku byl zaznamenán u dříve relativně hojných druhů *B. glabrirostris* a *B. lutosus*, ale i u vzácných druhů *B. nodulosus*,

B. puncticollis a *B. robustus*. V okolních zemích se vyskytuje dalších 11 druhů tohoto rodu, z nichž výskyt některých v ČR není vyloučen.

Celkově se tedy jedná o vzácné až velmi vzácné druhy, které jsou vázané na zachovalé mokřady s výskytem živných rostlin. V případě některých druhů došlo k téměř úplnému vymizení populace živných rostlin na našem území, jako v případě řezanu pilolistého (*Stratiotes aloides*), který je živnou rostlinou druhu *B. binodulus*, nebo leknínu bílého (*Nymphaea alba*), živné rostliny druhu *B. rotundicollis*. Obě dvě rostliny se sice často pěstují a zplaňují, nosatci s omezenými disperzními schopnostmi však nemají moc možností, jak se rozšířit na nová stanoviště těchto rostlin. Další druhy jsou výskytem vázané na hojnější rostliny, ale potřebují ke svému výskytu místa se specifickými podmínkami, jako je málo proměnlivá výška vodní hladiny, stabilita stanoviště a jeho nízká znečištěnost a úživnost, což v současnosti splňuje jen velmi málo míst na našem území. Pozorování ze sousedních zemí ukazují, že řada druhů je vázaná na mokřadní stanoviště o velkých rozlohách, či na mozaiku velkého množství drobných mokřadů na velké rozloze, což jsou také faktory, které česká krajina může těžko splnit. Některé druhy můžeme na jejich stanovištích zachránit aplikací vhodných managementových zásahů, které udržují lokalitu v podobném stavu po delší dobu a pomáhají namnožení nosatců, jako např. u druhu *B. lutulosus* na lokalitě PP Na Plachtě v Hradci Králové, kde management disturbance stanoviště vojenskými vozidly pomáhá vzniku míst s porosty živné rostliny sítiny žabí (*Juncus bufonius*).

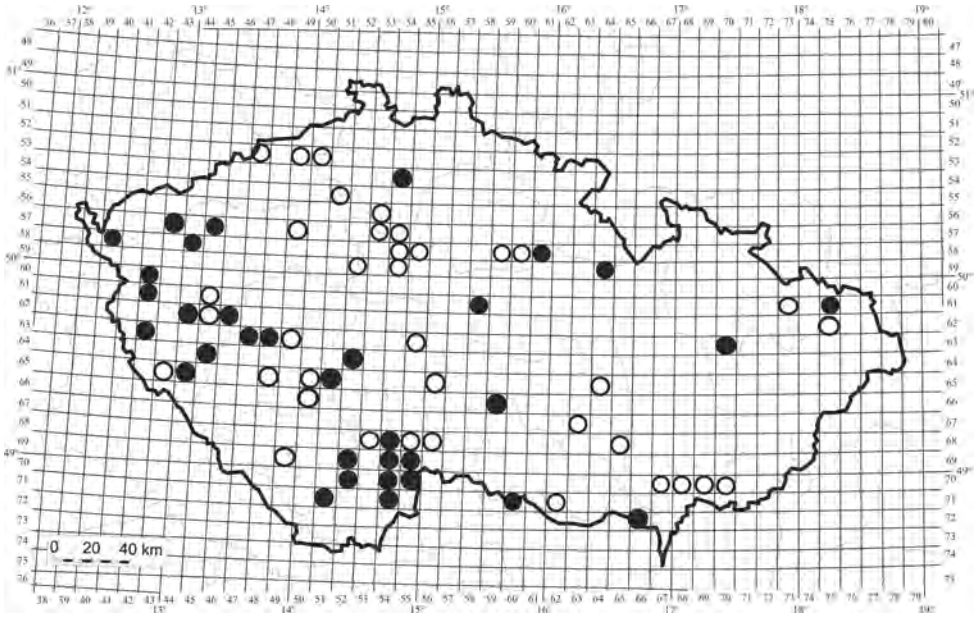


Fig. 1. Distribution of *Hydronomus alismatis* (Marsham, 1802) in the Czech Republic. Empty circles represent occurrence up to 1970, full circles after 1970.
Obr. 1. Rozšíření druhu *Hydronomus alismatis* (Marsham, 1802) v České republice. Prázdné kroužky představují výskyt do roku 1970 včetně, plné kroužky po roce 1970.

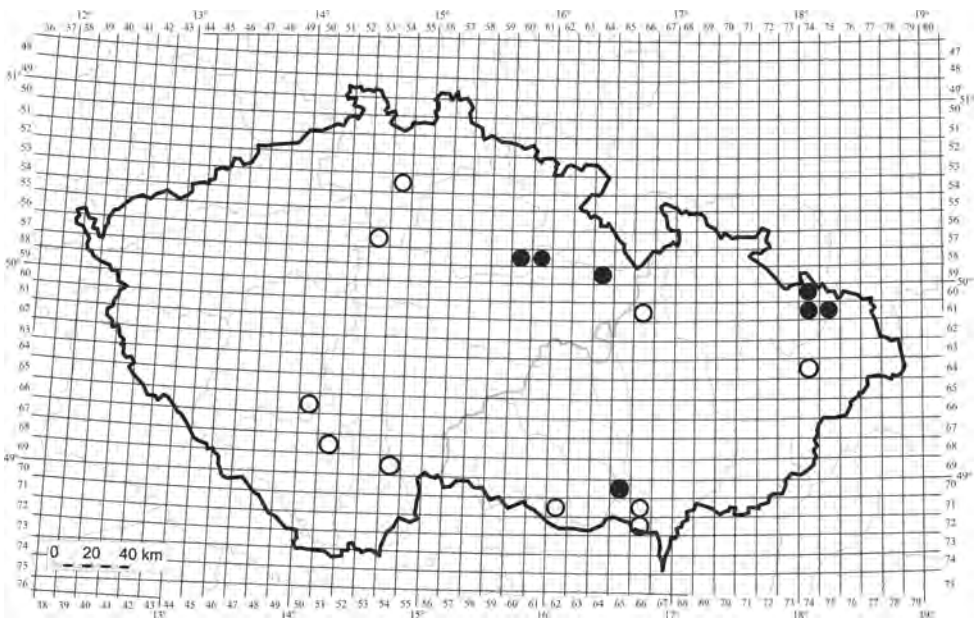


Fig. 2. Distribution of *Bagous argillaceus* Gyllenhal, 1836 in the Czech Republic. Empty circles represent occurrence up to 1970, full circles after 1970.
Obr. 2. Rozšíření druhu *Bagous argillaceus* Gyllenhal, 1836 v České republice. Prázdné kroužky představují výskyt do roku 1970 včetně, plné kroužky po roce 1970.

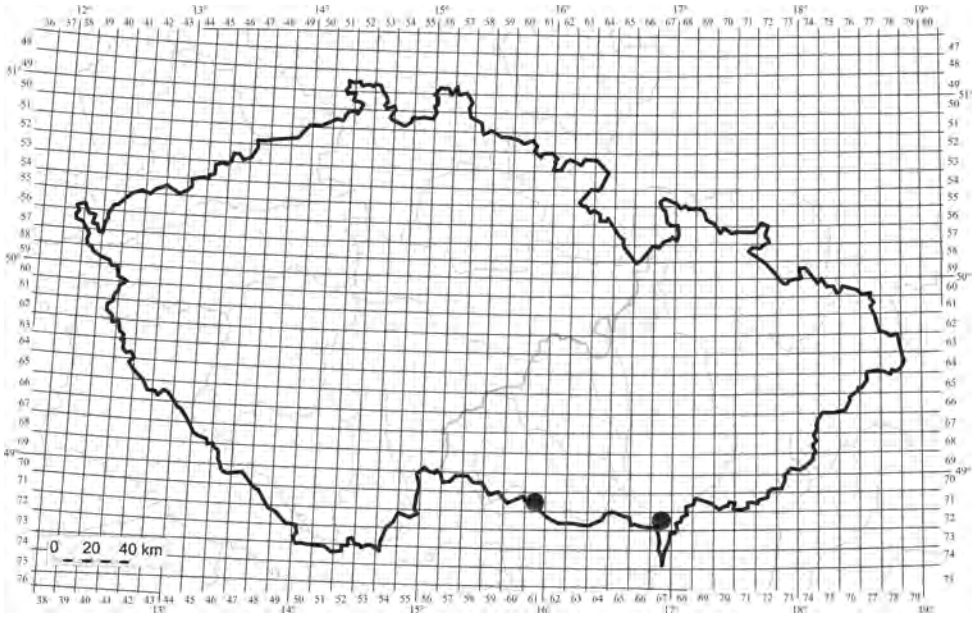


Fig. 3. Distribution of *Bagous bagdatensis* Pic, 1904 in the Czech Republic. Empty circles represent occurrence up to 1970, full circles after 1970.
Obr. 3. Rozšíření druhu *Bagous bagdatensis* Pic, 1904 v České republice. Prázdné kroužky představují výskyt do roku 1970 včetně, plné kroužky po roce 1970.

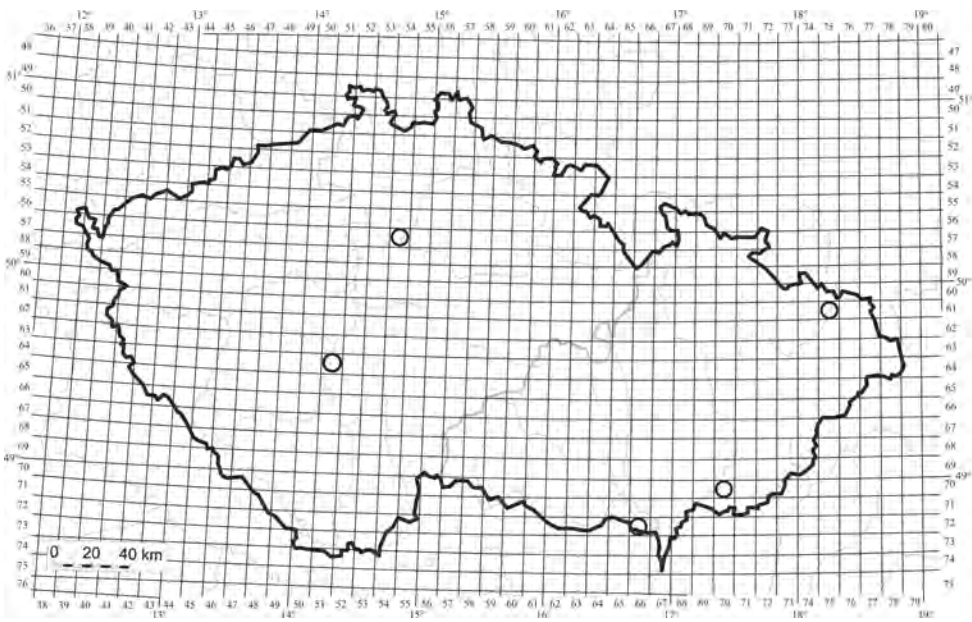


Fig. 4. Distribution of *Bagous binodulus* (Herbst, 1795) in the Czech Republic. Empty circles represent occurrence up to 1970, full circles after 1970.
Obr. 4. Rozšíření druhu *Bagous binodulus* (Herbst, 1795) v České republice. Prázdné kroužky představují výskyt do roku 1970 včetně, plné kroužky po roce 1970.

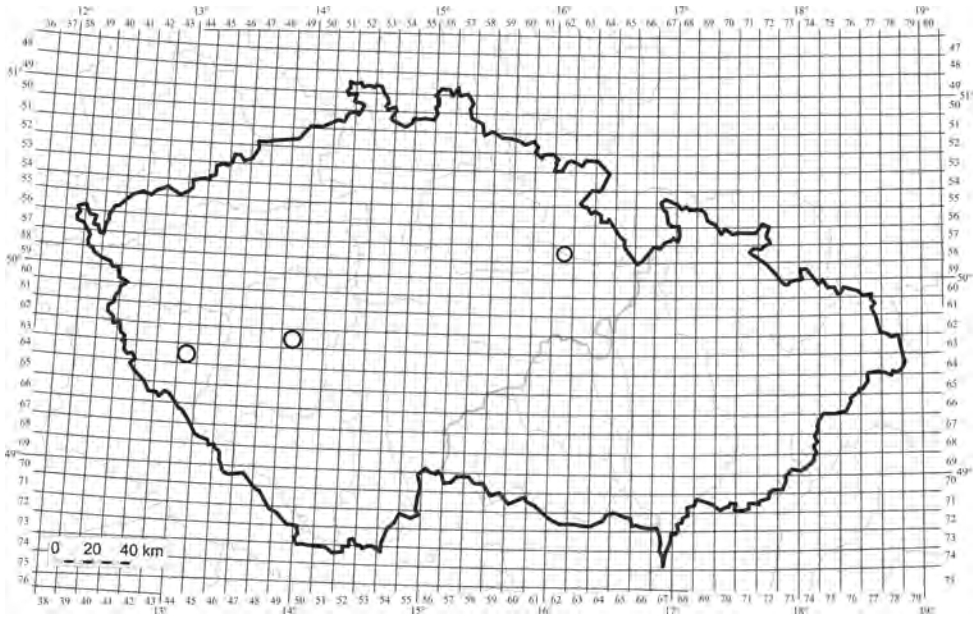


Fig. 5. Distribution of *Bagous brevis* Gyllenhal, 1836 in the Czech Republic. Empty circles represent occurrence up to 1970, full circles after 1970.

Obr. 5. Rozšíření druhu *Bagous brevis* Gyllenhal, 1836 v České republice. Prázdné kroužky představují výskyt do roku 1970 včetně, plné kroužky po roce 1970.

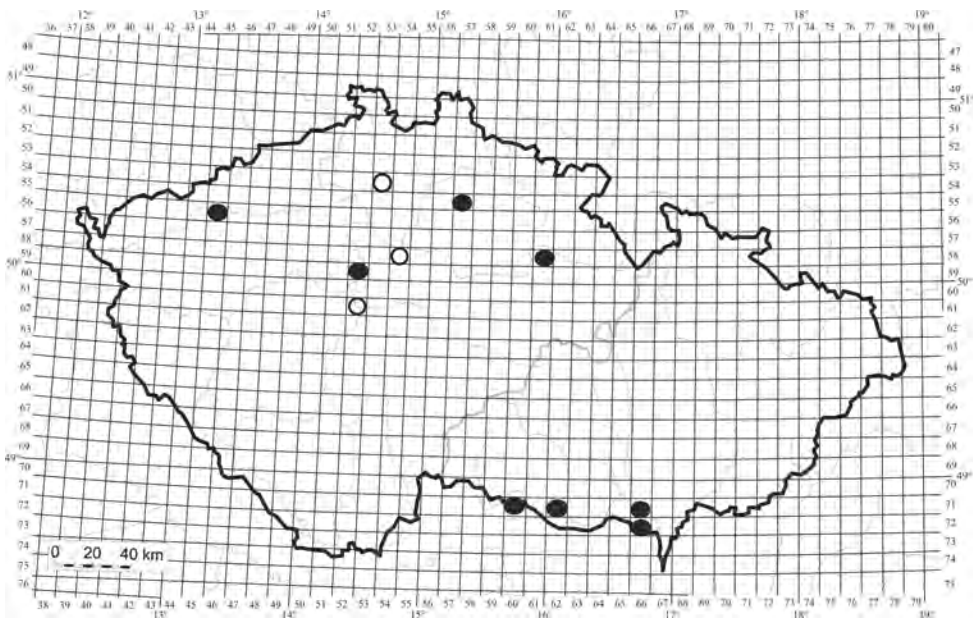


Fig. 6. Distribution of *Bagous collignensis* (Herbst, 1797) in the Czech Republic. Empty circles represent occurrence up to 1970, full circles after 1970.

Obr. 6. Rozšíření druhu *Bagous collignensis* (Herbst, 1797) v České republice. Prázdné kroužky představují výskyt do roku 1970 včetně, plné kroužky po roce 1970.

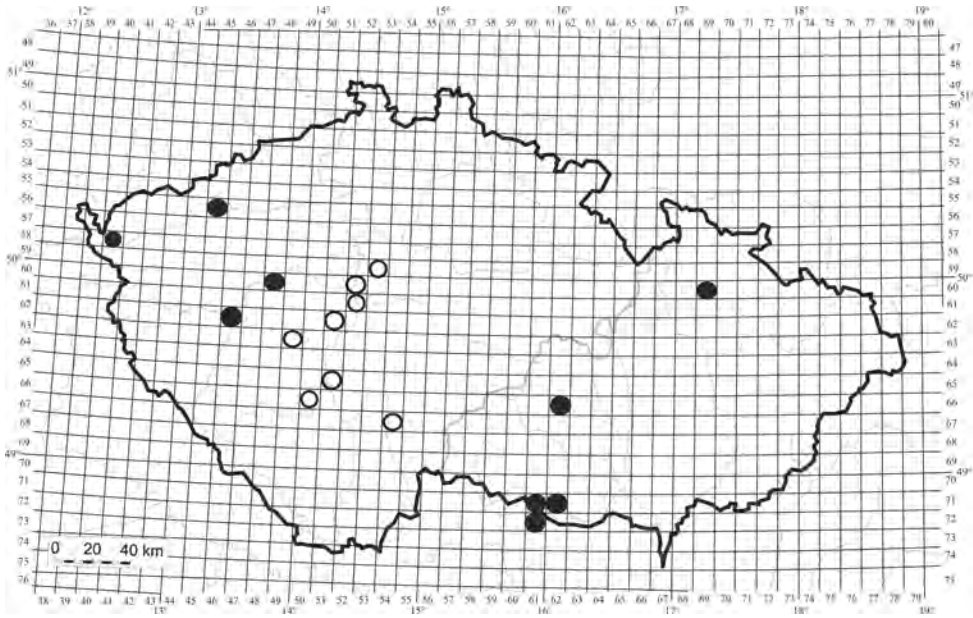


Fig. 7. Distribution of *Bagous diglyptus* Boheman, 1845 in the Czech Republic. Empty circles represent occurrence up to 1970, full circles after 1970.
Obr. 7. Rozšíření druhu *Bagous diglyptus* Boheman, 1845 v České republice. Prázdné kroužky představují výskyt do roku 1970 včetně, plné kroužky po roce 1970.

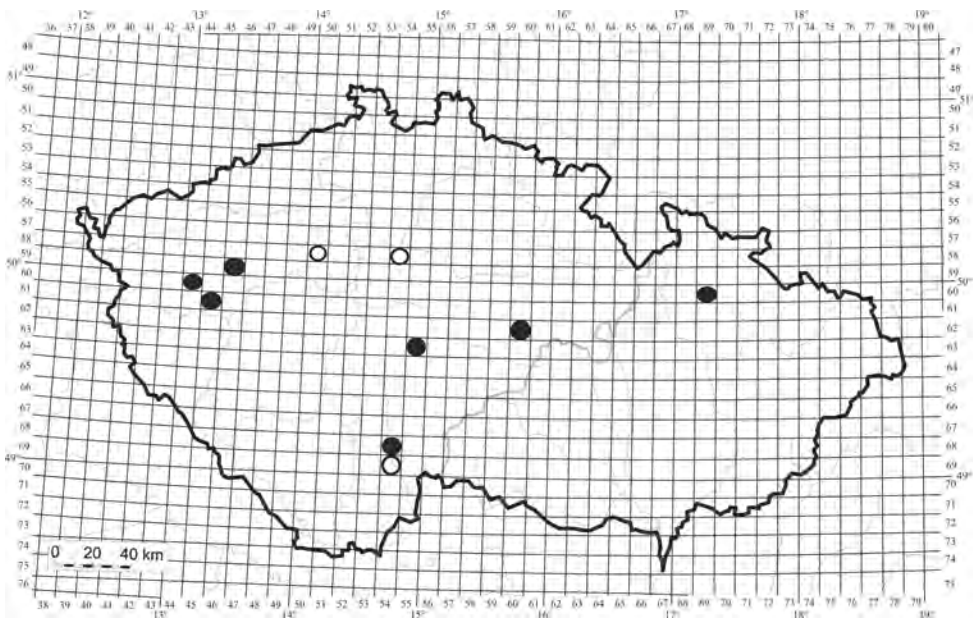


Fig. 8. Distribution of *Bagous frit* (Herbst, 1795) in the Czech Republic. Empty circles represent occurrence up to 1970, full circles after 1970.
Obr. 8. Rozšíření druhu *Bagous frit* (Herbst, 1795) v České republice. Prázdné kroužky představují výskyt do roku 1970 včetně, plné kroužky po roce 1970.

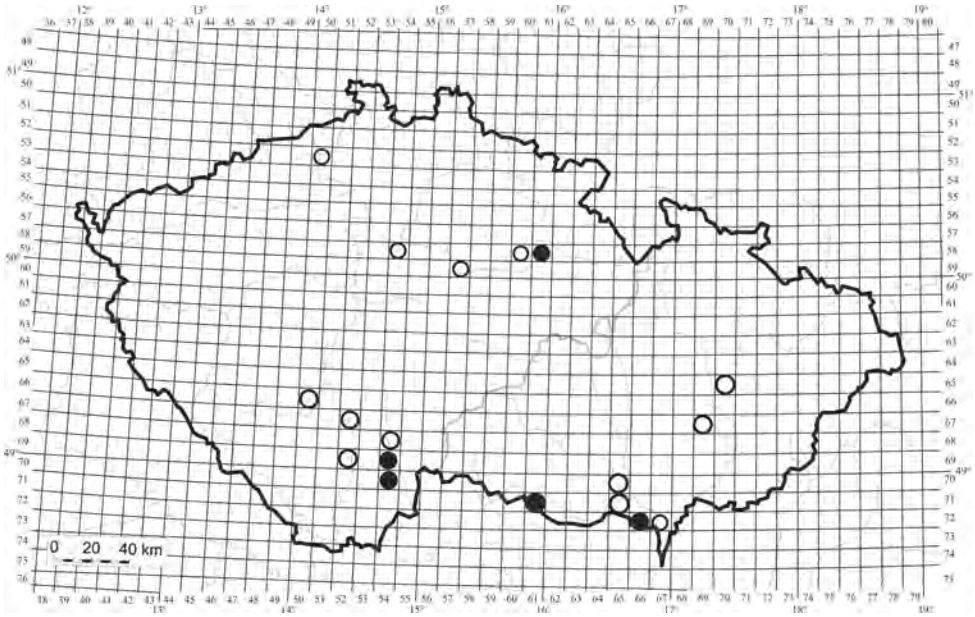


Fig. 9. Distribution of *Bagous glabrirostris* (Herbst, 1795) in the Czech Republic. Empty circles represent occurrence up to 1970, full circles after 1970.
Obr. 9. Rozšíření druhu *Bagous glabrirostris* (Herbst, 1795) v České republice. Prázdné kroužky představují výskyt do roku 1970 včetně, plné kroužky po roce 1970.

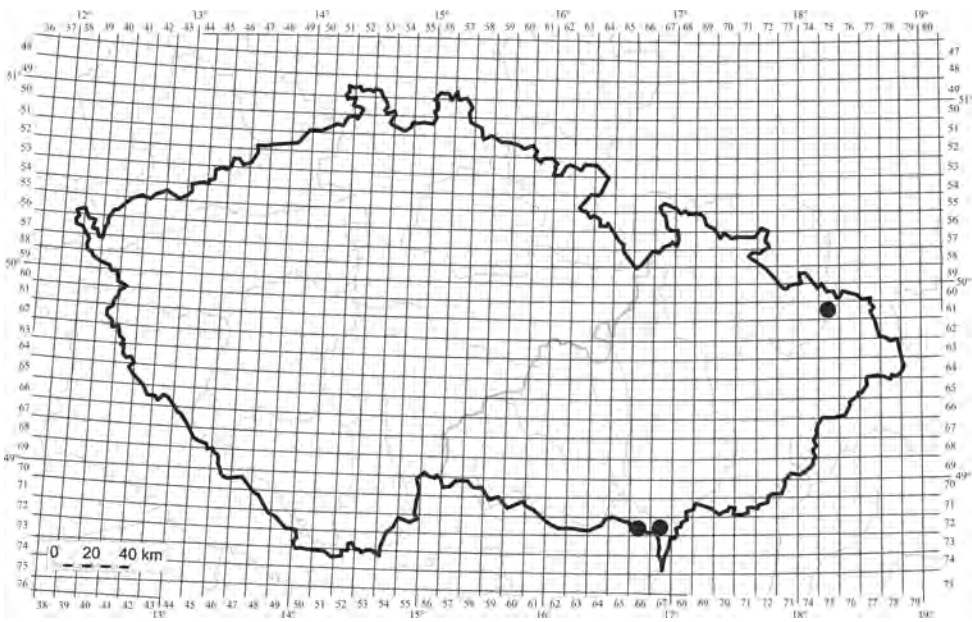


Fig. 10. Distribution of *Bagous limosus* (Gyllenhal, 1827) in the Czech Republic. Empty circles represent occurrence up to 1970, full circles after 1970.
Obr. 10. Rozšíření druhu *Bagous limosus* (Gyllenhal, 1827) v České republice. Prázdné kroužky představují výskyt do roku 1970 včetně, plné kroužky po roce 1970.

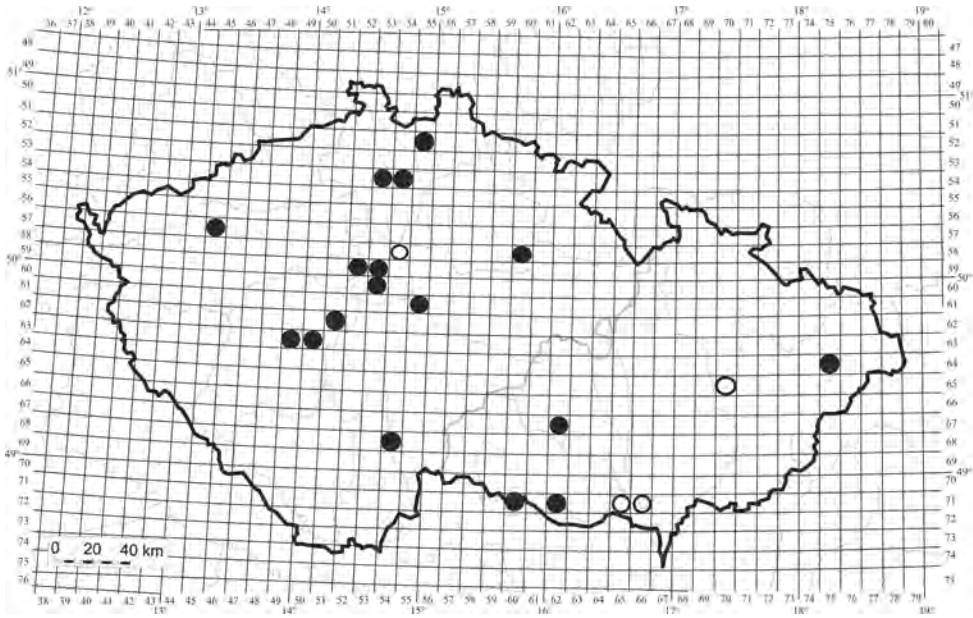


Fig. 11. Distribution of *Bagous longitarsis* C. G. Thomson, 1868 in the Czech Republic. Empty circles represent occurrence up to 1970, full circles after 1970.
Obr. 11. Rozšíření druhu *Bagous longitarsis* C. G. Thomson, 1868 v České republice. Prázdné kroužky představují výskyt do roku 1970 včetně, plné kroužky po roce 1970.

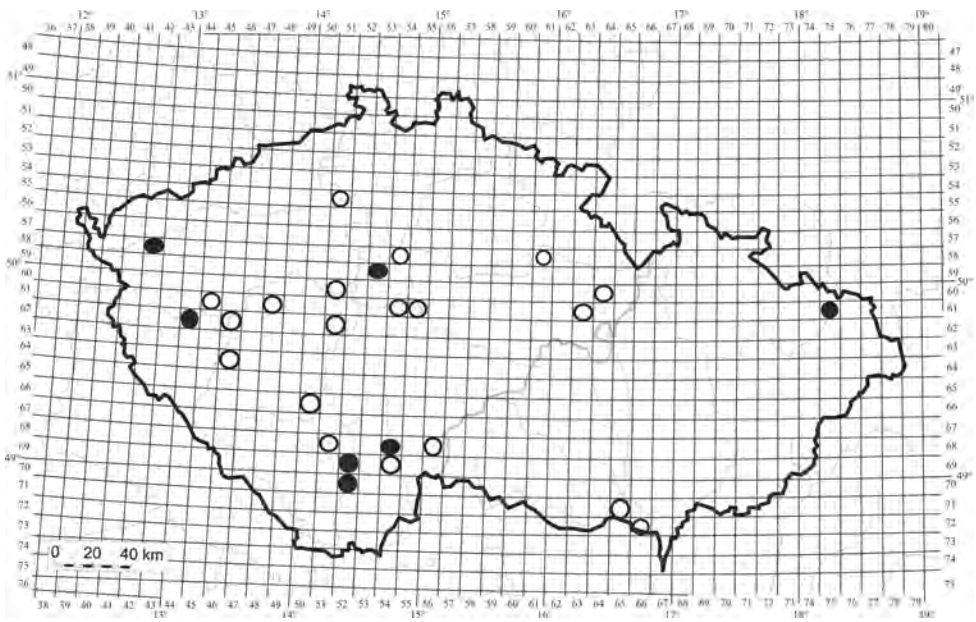


Fig. 12. Distribution of *Bagous lutosus* (Gyllenhal, 1813) in the Czech Republic. Empty circles represent occurrence up to 1970, full circles after 1970.
Obr. 12. Rozšíření druhu *Bagous lutosus* (Gyllenhal, 1813) v České republice. Prázdné kroužky představují výskyt do roku 1970 včetně, plné kroužky po roce 1970.

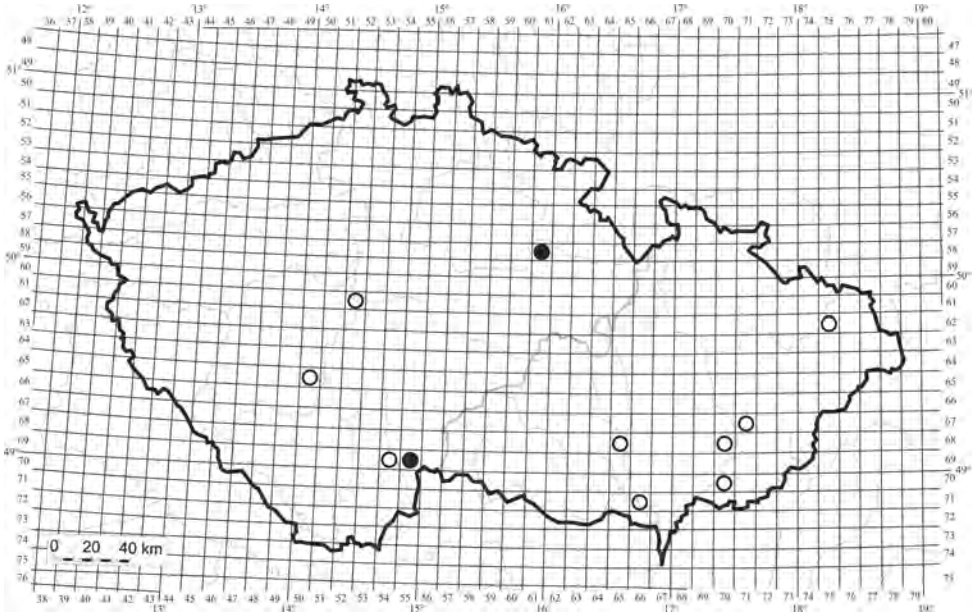


Fig. 13. Distribution of *Bagous lutulosus* Gyllehnal, 1827 in the Czech Republic. Empty circles represent occurrence up to 1970, full circles after 1970.
Obr. 13. Rozšíření druhu *Bagous lutulosus* Gyllehnal, 1827 v České republice. Prázdné kroužky představují výskyt do roku 1970 včetně, plné kroužky po roce 1970.

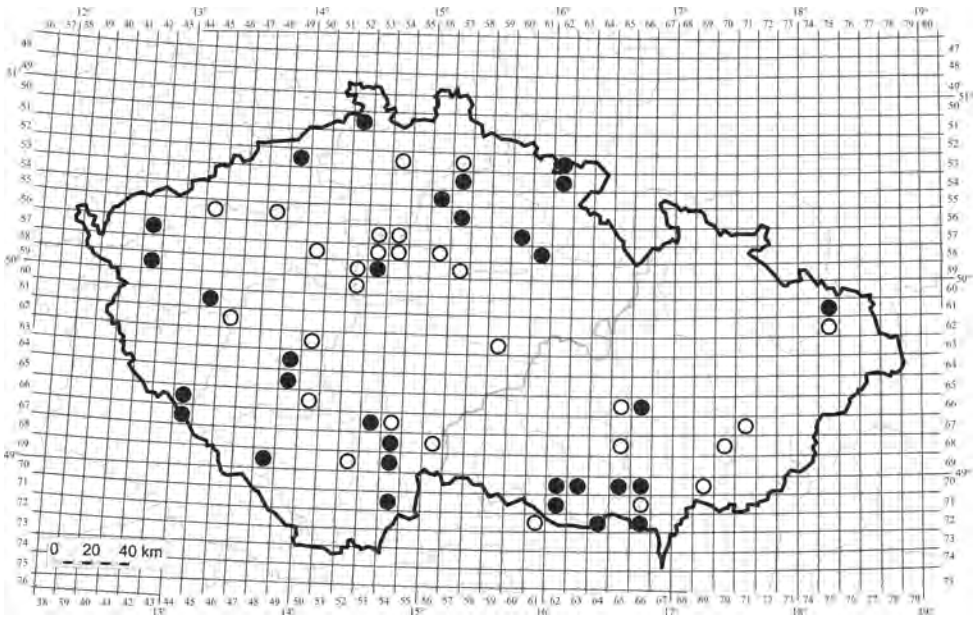


Fig. 14. Distribution of *Bagous lutulentus* (Gyllenhal, 1813) in the Czech Republic. Empty circles represent occurrence up to 1970, full circles after 1970.
Obr. 14. Rozšíření druhu *Bagous lutulentus* (Gyllenhal, 1813) v České republice. Prázdné kroužky představují výskyt do roku 1970 včetně, plné kroužky po roce 1970.

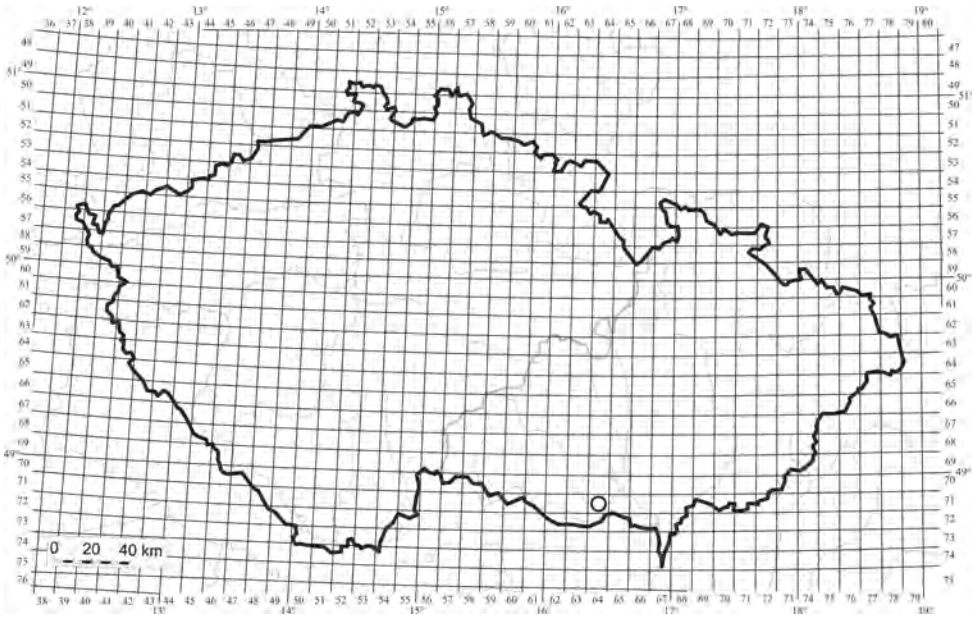


Fig. 15. Distribution of *Bagous majzlani* (Kodada, Holecová et Behne, 1992) in the Czech Republic. Empty circles represent occurrence up to 1970, full circles after 1970.
Obr. 15. Rozšíření druhu *Bagous majzlani* (Kodada, Holecová et Behne, 1992) v České republice. Prázdné kroužky představují výskyt do roku 1970 včetně, plné kroužky po roce 1970.

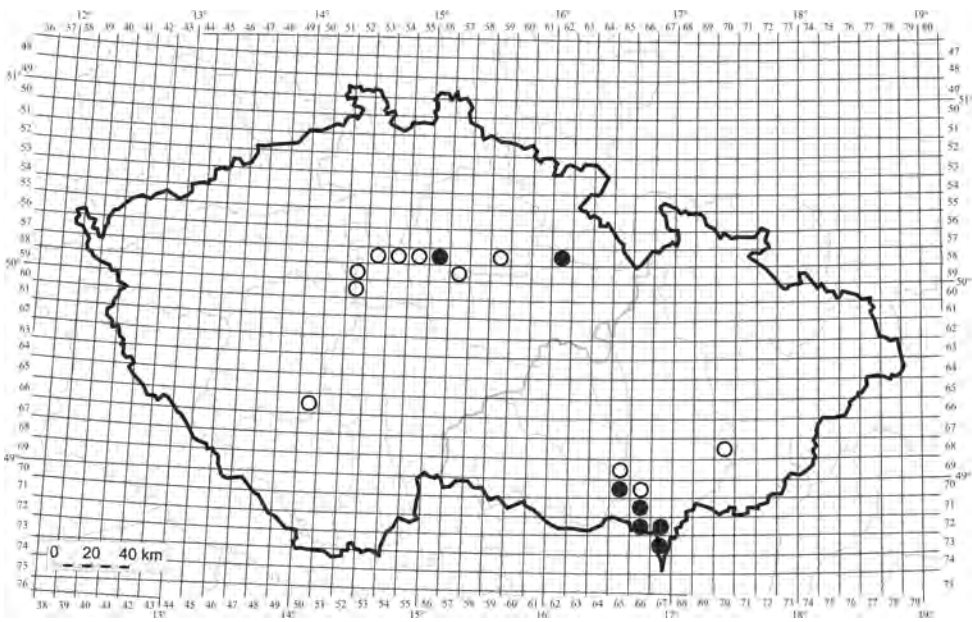


Fig. 16. Distribution of *Bagous nodulosus* Gyllenhal, 1836 in the Czech Republic. Empty circles represent occurrence up to 1970, full circles after 1970.
Obr. 16. Rozšíření druhu *Bagous nodulosus* Gyllenhal, 1836 v České republice. Prázdné kroužky představují výskyt do roku 1970 včetně, plné kroužky po roce 1970.

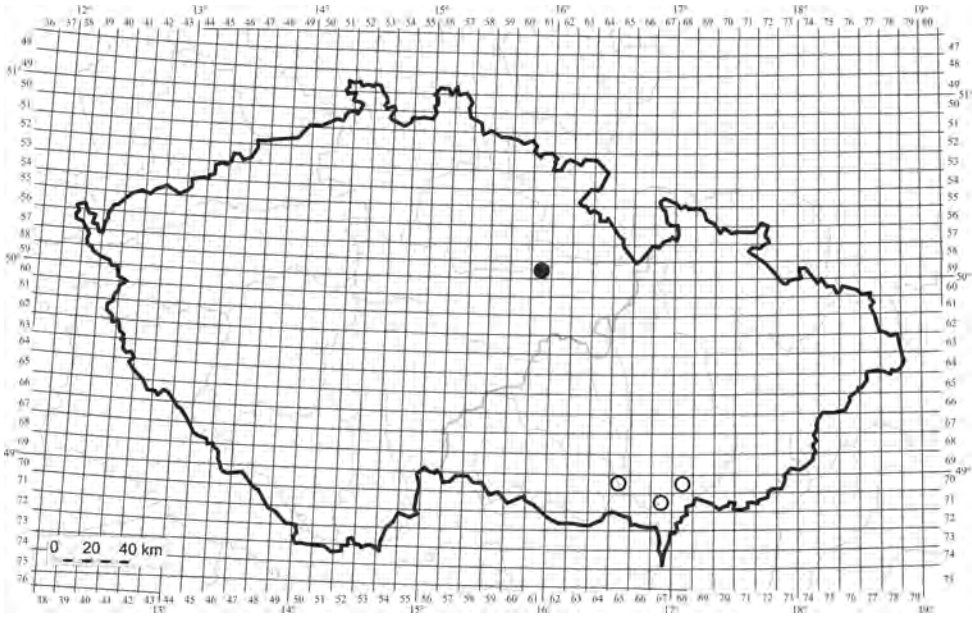


Fig. 17. Distribution of *Bagous petro* (Herbst, 1795) in the Czech Republic. Empty circles represent occurrence up to 1970, full circles after 1970.
Obr. 17. Rozšíření druhu *Bagous petro* (Herbst, 1795) v České republice. Prázdné kroužky představují výskyt do roku 1970 včetně, plné kroužky po roce 1970.

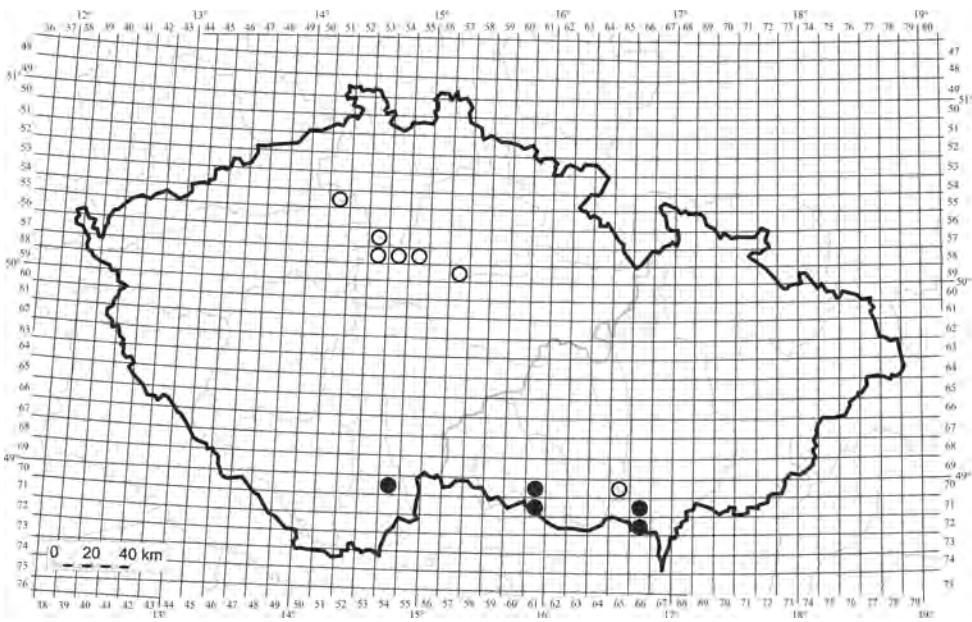


Fig. 18. Distribution of *Bagous puncticollis* Boheman, 1845 in the Czech Republic. Empty circles represent occurrence up to 1970, full circles after 1970.
Obr. 18. Rozšíření druhu *Bagous puncticollis* Boheman, 1845 v České republice. Prázdné kroužky představují výskyt do roku 1970 včetně, plné kroužky po roce 1970.

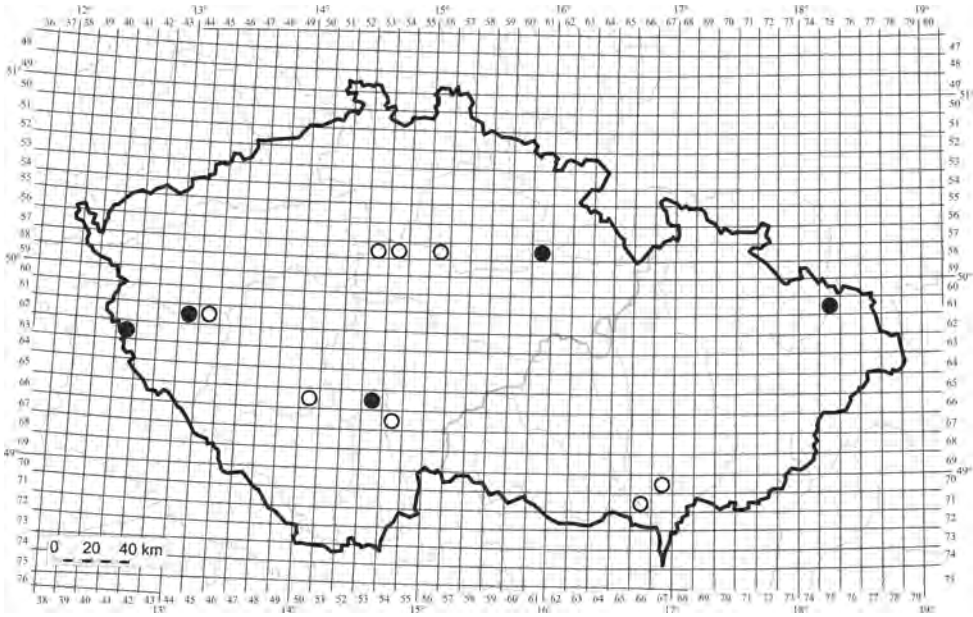


Fig. 19. Distribution of *Bagous robustus* H. Brisout de Barneville, 1863 in the Czech Republic. Empty circles represent occurrence up to 1970, full circles after 1970.

Obr. 19. Rozšíření druhu *Bagous robustus* H. Brisout de Barneville, 1863 v České republice. Prázdné kroužky představují výskyt do roku 1970 včetně, plné kroužky po roce 1970.

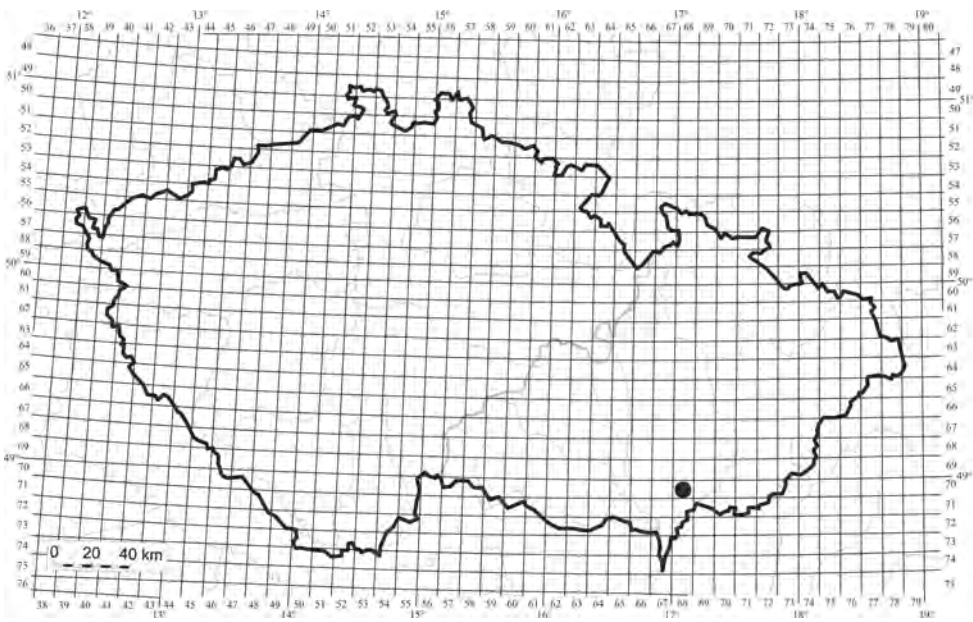


Fig. 20. Distribution of *Bagous rotundicollis* Boheman, 1845 in the Czech Republic. Empty circles represent occurrence up to 1970, full circles after 1970.

Obr. 20. Rozšíření druhu *Bagous rotundicollis* Boheman, 1845 v České republice. Prázdné kroužky představují výskyt do roku 1970 včetně, plné kroužky po roce 1970.

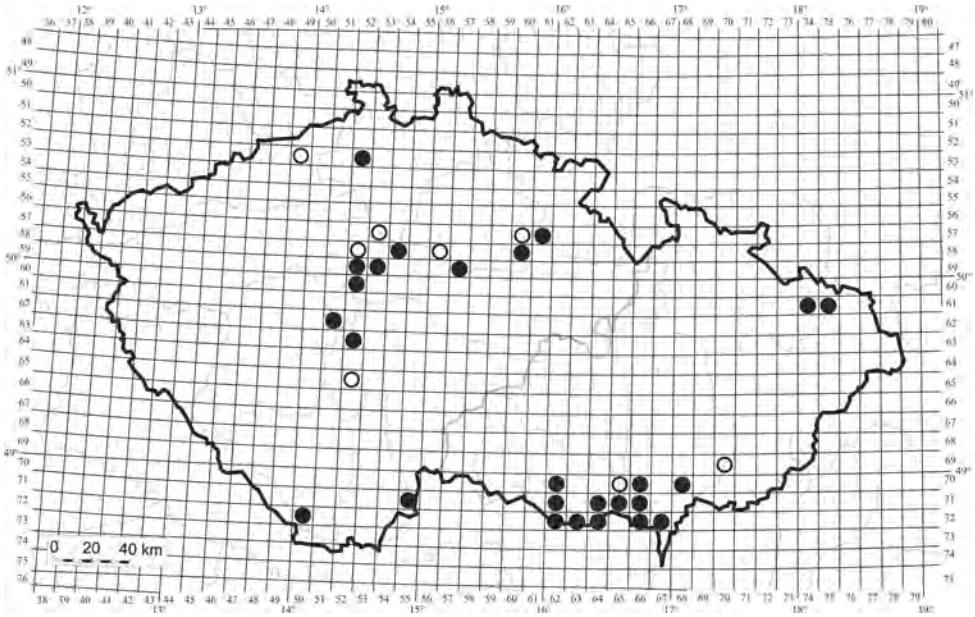


Fig. 21. Distribution of *Bagous subcarinatus* Gyllenhal, 1836 in the Czech Republic. Empty circles represent occurrence up to 1970, full circles after 1970.
Obr. 21. Rozšíření druhu *Bagous subcarinatus* Gyllenhal, 1836 v České republice. Prázdné kroužky představují výskyt do roku 1970 včetně, plné kroužky po roce 1970.

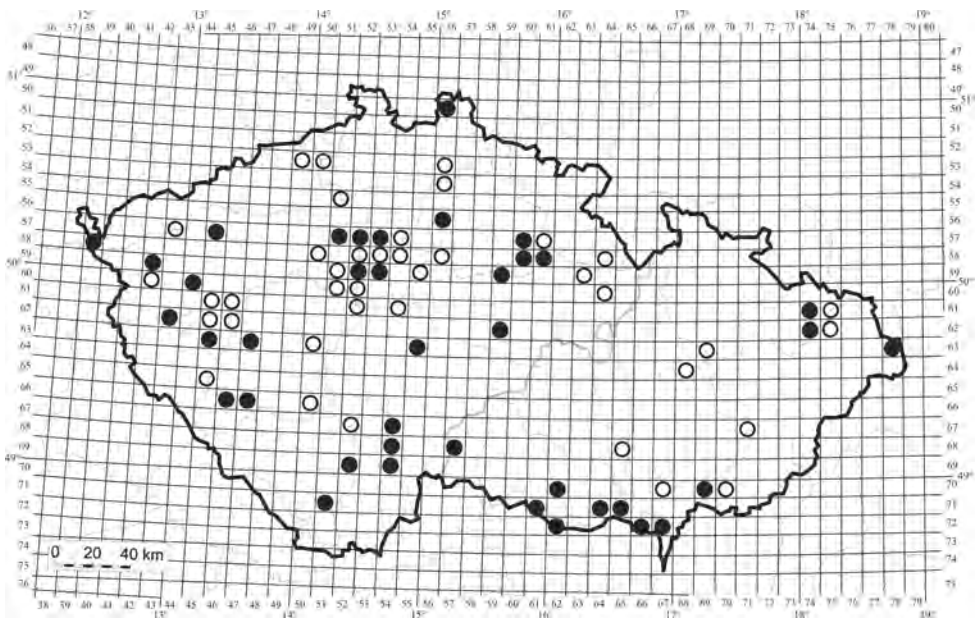


Fig. 22. Distribution of *Bagous tempestivus* (Herbst, 1795) in the Czech Republic. Empty circles represent occurrence up to 1970, full circles after 1970.
Obr. 22. Rozšíření druhu *Bagous tempestivus* (Herbst, 1795) v České republice. Prázdné kroužky představují výskyt do roku 1970 včetně, plné kroužky po roce 1970.

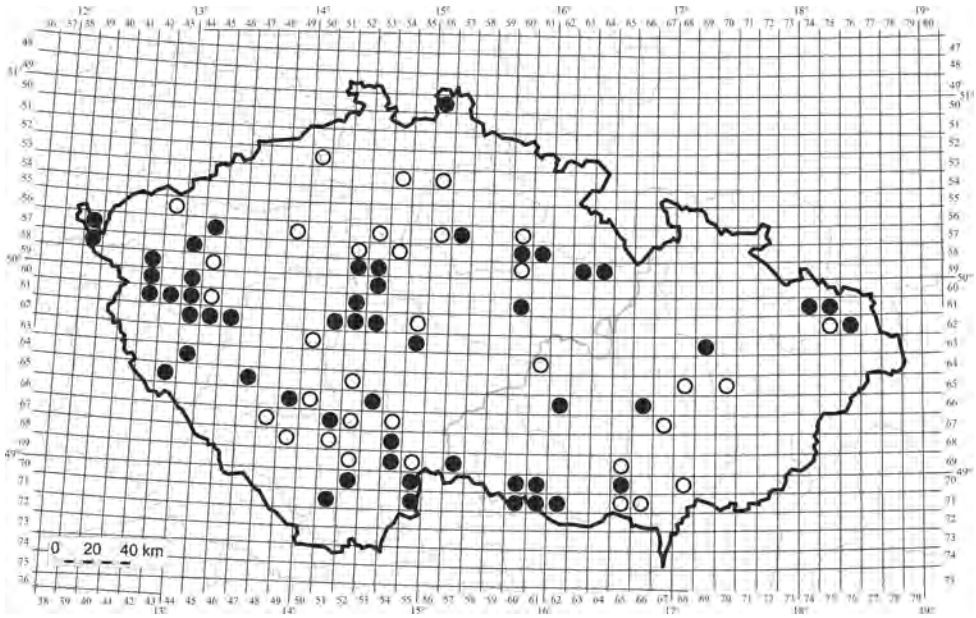


Fig. 23. Distribution of *Bagous tubulus* Caldara et O'Brien, 1994 in the Czech Republic. Empty circles represent occurrence up to 1970, full circles after 1970.

Obr. 23. Rozšíření druhu *Bagous tubulus* Caldara et O'Brien, 1994 v České republice. Prázdné kroužky představují výskyt do roku 1970 včetně, plné kroužky po roce 1970.

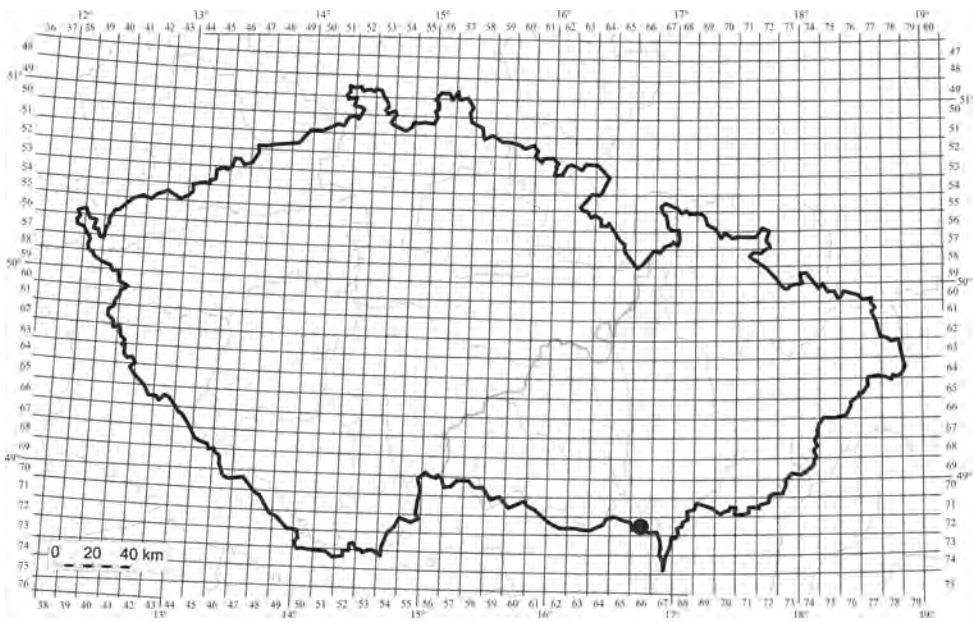


Fig. 24. Distribution of *Bagous validus* Rosenhauer, 1847 in the Czech Republic. Empty circles represent occurrence up to 1970, full circles after 1970.

Obr. 24. Rozšíření druhu *Bagous validus* Rosenhauer, 1847 v České republice. Prázdné kroužky představují výskyt do roku 1970 včetně, plné kroužky po roce 1970.

Table 1. List of records of species of tribe Bagoini from the Czech Republic. Legend: NM – Nature Monument, NNM – National Nature Monument, NNR – National Nature Reserve, NP – National Park, NR – Nature Reserve, PLA – Protected Landscape Area.
Tabulka 1. Přehled nálezů druhů tribu Bagoini v České republice. Legenda: NM – přírodní památka (Nature Monument), NNM – národní přírodní památka (National Nature Monument), NNR – národní přírodní rezervace (National Nature Reserve), NP – národní park (National Park), NR – přírodní rezervace (Nature Reserve), PLA – chráněná krajinná oblast (Protected Landscape Area).

Species	Region	Locality	Square	Date	lgt.	det.	coll.
Bagous argillaceus	Bohemia	Bělá nad Bezdězem	5454	10.vii.1966	J. Strejček	J. Strejček	J. Strejček
Bagous argillaceus	Bohemia	Lobkovice	5753	undated	J. Zeman	J. Zeman	NMP
Bagous argillaceus	Bohemia	Staré Ždánice	5860	17.vii.2004	P. Veselý	J. Strejček	J. Strejček
Bagous argillaceus	Bohemia	Hradec Králové, Na Plachtě NM	5861	28.vi.1997	M. Mikát	unknown	M. Mikát
Bagous argillaceus	Bohemia	Hradec Králové, Na Plachtě NM	5861	undated	unknown	unknown	R. Stejskal
Bagous argillaceus	Bohemia	Helvíkovice	5964	02.vi.1993	P. Čížek	P. Čížek	P. Čížek
Bagous argillaceus	Bohemia	Helvíkovice	5964	06.vii.1992	P. Čížek	P. Čížek	P. Čížek
Bagous argillaceus	Bohemia	Helvíkovice	5964	09.vi.1993	P. Čížek	P. Čížek	P. Čížek
Bagous argillaceus	Bohemia	Helvíkovice	5964	12.viii.1993	P. Čížek	P. Čížek	P. Čížek
Bagous argillaceus	Bohemia	Helvíkovice	5964	19.vi.1993	P. Čížek	P. Čížek	P. Čížek
Bagous argillaceus	Bohemia	Helvíkovice	5964	25.vii.1993	P. Čížek	P. Čížek	P. Čížek
Bagous argillaceus	Bohemia	Helvíkovice	5964	26.viii.1993	P. Čížek	P. Čížek	P. Čížek
Bagous argillaceus	Bohemia	Žamberk	5964	02.vi.1994	P. Čížek	M. Wanat	M. Wanat
Bagous argillaceus	Bohemia	Písek	6650	1906	J. Tyl	J. Tyl	NMP
Bagous argillaceus	Bohemia	Písek	6650	20.vii.1938	J. Tyl	J. Tyl	NMP
Bagous argillaceus	Bohemia	Protivín	6751	undated	Keil	Kořenský	JMCB
Bagous argillaceus	Bohemia	Protivín	6751	undated	Keil	Kořenský	JMCB
Bagous argillaceus	Bohemia	Třeboň	6954	undated	J. Tyl	J. Tyl	NMP
Bagous argillaceus	Moravia	Dolní Benešov, wet meadows	6074	24.vii.1996	L. Koloničný	S. Benedikt	S. Benedikt
Bagous argillaceus	Moravia	Dolní Benešov-Zábřeh	6074	24.vii.1996	L. Koloničný	S. Benedikt	S. Benedikt
Bagous argillaceus	Moravia	Šakvice	6166	undated	J. Stejskal	J. Stejskal	MJMZ
Bagous argillaceus	Moravia	Děhylov	6175	09.viii.1996	M. Mantič	S. Benedikt	S. Benedikt
Bagous argillaceus	Moravia	Děhylov	6175	14.v.1997	M. Mantič	M. Mantič	A. Hamet
Bagous argillaceus	Moravia	Děhylov, wet meadows	6175	09.viii.1996	M. Mantič	S. Benedikt	S. Benedikt
Bagous argillaceus	Moravia	Ostrava, wet meadows	6175	08.v.1996	M. Mantič	S. Benedikt	S. Benedikt
Bagous argillaceus	Moravia	Ostrava-Martinov	6175	08.v.1996	M. Mantič	S. Benedikt	S. Benedikt

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Bagous argillaceus	Moravia	Beskydy PLA, Morávka	6477	undated	J. Stejskal	J. Stejskal	MJMZ
Bagous argillaceus	Moravia	Pohořelice	7065	22.vii.1980	J. Strejček	J. Strejček	J. Strejček
Bagous argillaceus	Moravia	Znojmo	7162	01.i.1931	unknown	R. Stejskal	JMZ
Bagous argillaceus	Moravia	Znojmo	7162	01.i.1931	unknown	J. Stejskal	JMZ
Bagous argillaceus	Moravia	Bulhary, Křivé jezero NNR	7166	07.vii.1972	J. Strejček	J. Strejček	J. Strejček
Bagous argillaceus	Moravia	Bulhary, Křivé jezero NNR	7166	07.vii.1972	J. Strejček	J. Strejček	J. Strejček
Bagous argillaceus	Moravia	Lednice	7266	10.vii.1966	J. Strejček	J. Strejček	J. Strejček
Bagous argillaceus	Moravia	Lednice	7266	14.v.1950	J. Strejček	J. Strejček	J. Strejček
Bagous argillaceus	Moravia	Lednice	7266	14.v.1951	Přívora	J. Strejček	J. Strejček
Bagous argillaceus	Moravia	Lednice	7266	17.v.1950	J. Strejček	J. Strejček	J. Strejček
Bagous argillaceus	Moravia	Lednice	7266	30.vi.1961	K. Pospíšil	K. Pospíšil	P. Sláma
Bagous argillaceus	Moravia	Lednice	7266	undated	Hoffer	R. Borovec	M. Košťál
Bagous argillaceus	Moravia	Lednice, Mlýnský pond	7266	10.vii.1966	J. Strejček	J. Strejček	J. Strejček
Bagous argillaceus	Moravia	Lednice, Mlýnský pond	7266	10.vii.1966	J. Strejček	J. Strejček	J. Strejček
Bagous binodulus	Bohemia	Lysá nad Labem	5754	undated	B. Kouřil	P. Bogusch	NMP
Bagous binodulus	Bohemia	Kovářov	6451	06.vi.1960	Z. Kučera	Z. Kučera	NMP
Bagous binodulus	Moravia	Ostrava	6175	undated	Th. V. Wanka	J. Štaif	S. Benedikt
Bagous binodulus	Moravia	Zlín	6771	undated	Th. V. Wanka	A. Richter	A. Richter
Bagous binodulus	Moravia	Lednice	7266	02.viii.1970	J. Strejček	J. Strejček	J. Strejček
Bagous binodulus	Moravia	Lednice	7266	20.vii.1970	J. Strejček	J. Strejček	J. Strejček
Bagous binodulus	Moravia	Lednice	7266	20.viii.1970	J. Strejček	J. Strejček	J. Strejček
Bagous brevis	Bohemia	Týniště	5862	vii.1939	Čepek	J. Strejček	J. Strejček
Bagous brevis	Bohemia	Příbram	6349	22.vi.1917	J. Strejček	J. Strejček	J. Strejček
Bagous brevis	Bohemia	Příbram	6349	27.iv.1913	J. Strejček	J. Strejček	J. Strejček
Bagous brevis	Bohemia	Příbram, Lázovský pond	6349	27.iii.1905	J. Roubal	J. Strejček	J. Strejček
Bagous brevis	Bohemia	Staňkov	6444	vi.1946	Všetečko	P. Bogusch	NMP
Bagous collignensis	Bohemia	Břehyně-Pecopala NNR, Břehyňský pond	5453	23.vii.1963	J. Strejček	J. Strejček	J. Strejček
Bagous collignensis	Bohemia	Mladějov	5557	05.v.1973	unknown	S. Benedikt	S. Benedikt
Bagous collignensis	Bohemia	Kadaň	5645	18.iv.2013	O. Odvárka	O. Odvárka	P. Jansa
Bagous collignensis	Bohemia	Čelákovice	5854	v.1947	J. Strejček	J. Strejček	J. Strejček
Bagous collignensis	Bohemia	Káraný	5854	08.iv.1906	H. Joukl	P. Bogusch	NMP

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Bagous collignensis	Bohemia	Káraný	5854	11.v.1978	H. Joukl	P. Bogusch	NMP
Bagous collignensis	Bohemia	Lázně Toušeň	5854	08.iv.1906	Lokay	P. Bogusch	NMP
Bagous collignensis	Bohemia	Modřany	5952	04.vii.1943	Lokay	P. Bogusch	NMP
Bagous collignensis	Bohemia	Praha-Smíchov	5952	02.viii.1983	J. Strejček	J. Strejček	J. Strejček
Bagous collignensis	Bohemia	Luka pod Medníkem	6152	iv.1944	J. Strejček	J. Strejček	J. Strejček
Bagous collignensis	Moravia	Šafov	7160	11.ix.2004	R. Stejskal	R. Stejskal	R. Stejskal
Bagous collignensis	Moravia	Šafov	7160	26.iv.2004	V. Křivan	R. Stejskal	V. Křivan
Bagous collignensis	Moravia	Přímětice, caolin mine	7162	22.v.2005	M. Boukal	A. Hamet	A. Hamet
Bagous collignensis	Moravia	Bulhary, Křivé jezero NNR	7166	07.vii.1972	J. Strejček	J. Strejček	J. Strejček
Bagous collignensis	Moravia	Lednice	7266	10.vii.1966	J. Strejček	J. Strejček	J. Strejček
Bagous collignensis	Moravia	Lednice	7266	14.iii.1974	J. Strejček	J. Strejček	J. Strejček
Bagous diglyptus	Bohemia	Úhošťany	5645	24.v.2001	O. Odvárka	S. Benedikt	S. Benedikt
Bagous diglyptus	Bohemia	Františkovy Lázně, Komorní hůrka	5840	30.iv.1997	J. Strejček	J. Strejček	J. Strejček
Bagous diglyptus	Bohemia	Praha	5953	undated	Čepelák	P. Bogusch	NMP
Bagous diglyptus	Bohemia	Praha-Závist	5953	05.vi.1912	unknown	unknown	JMCB
Bagous diglyptus	Bohemia	Praha-Závist	5953	05.vi.1912	unknown	unknown	JMCB
Bagous diglyptus	Bohemia	Křivoklátsko PLA, Karlova Ves	6048	07.v.2013	M. Putz	M. Putz	M. Putz
Bagous diglyptus	Bohemia	Křivoklátsko, Velká Pleš	6048	28.iv.1983	J. Strejček	J. Strejček	J. Strejček
Bagous diglyptus	Bohemia	Křivoklátsko, Velká Pleš	6048	28.iv.1983	J. Strejček	J. Strejček	J. Strejček
Bagous diglyptus	Bohemia	Davle	6152	undated	J. Zeman	J. Štaif	S. Benedikt
Bagous diglyptus	Bohemia	Plzeň-Hradiště	6246	09.v.2006	Z. Doležal	Z. Doležal	Z. Doležal
Bagous diglyptus	Bohemia	Plzeň-Hradiště	6246	15.v.2006	Z. Doležal	Z. Doležal	Z. Doležal
Bagous diglyptus	Bohemia	Plzeň-Hradiště	6246	24.v.2005	S. Benedikt	S. Benedikt	S. Benedikt
Bagous diglyptus	Bohemia	Dobříš	6251	26.x.1903	Roubal	J. Strejček	J. Strejček
Bagous diglyptus	Bohemia	Příbram	6349	25.iv.1916	J. Strejček	J. Strejček	J. Strejček
Bagous diglyptus	Bohemia	Zvíkov	6551	10.iv.1905	V. Sukdol	S. Benedikt	S. Benedikt
Bagous diglyptus	Bohemia	Písek	6650	07.v.1909	unknown	P. Bogusch	NMP
Bagous diglyptus	Bohemia	Písek	6650	v.1911	unknown	J. Strejček	J. Strejček
Bagous diglyptus	Bohemia	Řípec	6754	28.iv.1955	V. Karas	V. Karas	JMCB
Bagous diglyptus	Moravia	Horní Město, Skalské pet-bog	6069	11.ix.2003	P. Boža	R. Stejskal	P. Boža
Bagous diglyptus	Moravia	Velké Meziříčí	6662	vi.1987	J. Strejček	J. Strejček	J. Strejček

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Bagous diglyptus	Moravia	Podmolí, Hlubocké louky	7161	01.v.2004	R. Stejskal	S. Benedikt	R. Stejskal
Bagous diglyptus	Moravia	NP Podyjí, Havraníky	7162	03.v.2008	J. Gahai	J. Krátký	J. Gahai
Bagous diglyptus	Moravia	Podyjí NP, Havraníky, Havranické heathland	7162	23.ii.2007	R. Stejskal	R. Stejskal	R. Stejskal
Bagous diglyptus	Moravia	Podyjí NP, Havraníky, Havranické heathland	7162	26.iv.2006	R. Stejskal	R. Stejskal	R. Stejskal
Bagous diglyptus	Moravia	Podyjí NP, Popice, Pustý kopec NM	7162	02.v.2008	M. Klekner	M. Klekner	M. Klekner
Bagous diglyptus	Moravia	Podyjí NP, Popice, Pustý kopec NM	7162	03.v.2014	P. Jansa	P. Jansa	P. Jansa
Bagous diglyptus	Moravia	Podyjí NP, Popice, Pustý kopec NM	7162	05.v.2014	F. Trnka	F. Trnka	F. Trnka
Bagous diglyptus	Moravia	Podyjí NP, Popice, Pustý kopec NM	7162	08.v.2006	R. Škoda	R. Škoda	R. Škoda
Bagous diglyptus	Moravia	Podyjí NP, Popice, Pustý kopec NM	7162	08.v.2006	R. Škoda	T. Mészáros	T. Mészáros
Bagous diglyptus	Moravia	Podyjí NP, Popice, Pustý kopec NM	7162	16.v.2015	P. Bogusch	P. Bogusch	P. Bogusch
Bagous diglyptus	Moravia	Podyjí NP, Popice, Pustý kopec NM	7162	21.v.2006	J. Krátký	J. Krátký	J. Krátký
Bagous diglyptus	Moravia	Podyjí NP, Popice, Pustý kopec NM	7162	21.v.2006	J. Krátký	J. Krátký	J. Krátký
Bagous diglyptus	Moravia	Podyjí NP, Popice, Pustý kopec NM	7162	29.iv.2005	J. Krátký	J. Krátký	J. Krátký
Bagous diglyptus	Moravia	Podyjí NP, Popice, Pustý kopec NM	7162	29.iv.2005	J. Pelikán	J. Pelikán	J. Pelikán
Bagous diglyptus	Moravia	Znojmo, Havraníky	7162	03.v.2008	J. Gahai	J. Gahai	D. Čudan
Bagous diglyptus	Moravia	Znojmo, Havraníky	7162	08.v.2006	R. Škoda	R. Škoda	R. Škoda
Bagous diglyptus	Moravia	Podyjí NP, Hnanice, Horecký kopec NM	7261	17.v.2005	R. Stejskal	R. Stejskal	R. Stejskal
Bagous frit	Bohemia	Vinařice	5850	18.vi.1951	Z. Kučera	P. Bogusch	NMP
Bagous frit	Bohemia	Lázně Toušeň	5854	undated	Z. Kučera	P. Bogusch	NMP
Bagous frit	Bohemia	Podbořánky, Žihle	5946	18.vi.2002	Z. Doležal	Z. Doležal	Z. Doležal
Bagous frit	Bohemia	Krsy, Úněšov, Rašeliniště u Polínek NR	6044	15.ix.2004	Z. Doležal	Z. Doležal	Z. Doležal
Bagous frit	Bohemia	Krsy, Úněšov, Rašeliniště u Polínek NR	6044	28.viii.2004	Z. Doležal	Z. Doležal	Z. Doležal
Bagous frit	Bohemia	Polínka	6044	28.viii.2004	S. Benedikt	J. Strejček	J. Strejček
Bagous frit	Bohemia	Polínka, Rašeliniště u Polínek NR	6044	12.viii.2011	I. Těťál	I. Těťál	ZMP
Bagous frit	Bohemia	Polínka, Rašeliniště u Polínek NR	6044	25.viii.2014	I. Těťál	I. Těťál	ZMP
Bagous frit	Bohemia	Polínka-Krsy	6044	28.viii.2004	S. Benedikt	J. Strejček	J. Strejček
Bagous frit	Bohemia	Hůrky, Hůrky NR	6145	12.viii.2004	Z. Doležal	Z. Doležal	Z. Doležal
Bagous frit	Bohemia	Podmoklany, Zlatá louka NR	6260	16.x.2006	J. Krátký	J. Krátký	J. Krátký
Bagous frit	Bohemia	Podmoklany, Zlatá louka NR	6260	30.ix.2008	J. Gahai	J. Gahai	J. Gahai
Bagous frit	Bohemia	Býkovice	6355	22.vii.2007	J. Gahai	J. Krátký	J. Gahai
Bagous frit	Bohemia	Tchořovice, Dolejší pond NR	6549	10.vi.2015	P. Bogusch	P. Bogusch	P. Bogusch

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Bagous frit	Bohemia	Horusice	6854	02.v.1989	V. Karas	V. Karas	JMCB
Bagous frit	Bohemia	Třeboňsko PLA, Ponědrážka, Ruda NNR	6854	01.v.2011	T. Mészáros	M. Putz	M. Putz
Bagous frit	Bohemia	Třeboňsko PLA, Ponědrážka, Ruda NNR	6854	04.v.2012	T. Mészáros	T. Mészáros	T. Mészáros
Bagous frit	Bohemia	Třeboňsko PLA, Ponědrážka, Ruda NNR	6854	05.viii.2012	M. Putz	M. Putz	M. Putz
Bagous frit	Bohemia	Třeboňsko PLA, Ponědrážka, Ruda NNR	6854	07.v.2011	T. Mészáros	T. Mészáros	T. Mészáros
Bagous frit	Bohemia	Lomnice nad Lužnicí	6954	01.vii.1933	J. Strejček	J. Strejček	J. Strejček
Bagous frit	Bohemia	Lomnice nad Lužnicí, Klec	6954	vii.1933	Roubal	J. Strejček	J. Strejček
Bagous frit	Moravia	Bruntál, Horní Město	6069	03.v.2008	J. Gahai	J. Gahai	D. Čudan
Bagous frit	Moravia	Horní Město	6069	06.vii.1994	P. Čížek	P. Čížek	P. Čížek
Bagous frit	Moravia	Horní Město, Skalské pet-bog	6069	02.x.2014	F. Trnka	F. Trnka	F. Trnka
Bagous frit	Moravia	Horní Město, Skalské pet-bog	6069	11.ix.2003	P. Boža	J. Krátký	J. Krátký
Bagous glabrirostris	Bohemia	Ústí nad Labem	5350	22.vi.1906	J. Strejček	J. Strejček	J. Strejček
Bagous glabrirostris	Bohemia	Čelákovice	5854	02.xi.1930	B. Štícha	P. Bogusch	NMP
Bagous glabrirostris	Bohemia	Čelákovice	5854	04.vii.1943	O. Kavan	P. Bogusch	NMP
Bagous glabrirostris	Bohemia	Čelákovice	5854	05.vii.1914	L. Klička	P. Bogusch	NMP
Bagous glabrirostris	Bohemia	Čelákovice	5854	18.iv.1947	J. Strejček	J. Strejček	J. Strejček
Bagous glabrirostris	Bohemia	Čelákovice	5854	undated	J. Obenberger	P. Bogusch	NMP
Bagous glabrirostris	Bohemia	Čelákovice	5854	v.1947	B. Štícha	P. Bogusch	NMP
Bagous glabrirostris	Bohemia	Káraný	5854	20.iv.1904	B. Kouřil	P. Bogusch	NMP
Bagous glabrirostris	Bohemia	Přerov nad Labem	5854	30.x.1948	A. Fleischer	P. Bogusch	NMP
Bagous glabrirostris	Bohemia	Opatovice nad Labem	5860	14.i.1946	Smetana	P. Bogusch	NMP
Bagous glabrirostris	Bohemia	Pardubice	5860	iv.1935	R. Veselý	P. Bogusch	NMP
Bagous glabrirostris	Bohemia	Hradec Králové	5861	1946	Smetana	P. Bogusch	NMP
Bagous glabrirostris	Bohemia	Hradec Králové	5861	07.v.2003	J. Strejček	J. Strejček	J. Strejček
Bagous glabrirostris	Bohemia	Hradec Králové	5861	21.vi.1944	M. Čejka	J. Strejček	J. Strejček
Bagous glabrirostris	Bohemia	Hradec Králové	5861	21.vi.1944	M. Čejka	J. Strejček	J. Strejček
Bagous glabrirostris	Bohemia	Hradec Králové	5861	iv.1967	J. Strejček	J. Strejček	J. Strejček
Bagous glabrirostris	Bohemia	Hradec Králové, Na Plachtě NM	5861	27.vi.2017	P. Bogusch	P. Bogusch	P. Bogusch
Bagous glabrirostris	Bohemia	Velký Osek	5957	03.iv.1921	L. Klička	P. Bogusch	NMP
Bagous glabrirostris	Bohemia	Velký Osek	5957	30.ix.1906	J. Strejček	J. Strejček	J. Strejček
Bagous glabrirostris	Bohemia	Písek	6650	19.vii.1906	Rambousek	P. Bogusch	NMP

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Bagous glabrirostris	Bohemia	Týn nad Vltavou	6752	undated	J. Kořenský	J. Kořenský	JMCB
Bagous glabrirostris	Bohemia	Týn nad Vltavou	6752	undated	J. Kořenský	J. Kořenský	JMCB
Bagous glabrirostris	Bohemia	Frahelž	6854	01.vii.1951	V. Karas	V. Karas	JMCB
Bagous glabrirostris	Bohemia	České Budějovice, Vrbenské ponds, Černiš	6952	v.1953	J. Kořenský	J. Kořenský	JMCB
Bagous glabrirostris	Bohemia	České Budějovice, Vrbenské ponds, Černiš	6952	v.1953	J. Kořenský	J. Kořenský	JMCB
Bagous glabrirostris	Bohemia	České Budějovice, Vrbenské ponds, Černiš	6952	v.1954	J. Kořenský	J. Kořenský	JMCB
Bagous glabrirostris	Bohemia	České Budějovice, Vrbenské ponds, Černiš	6952	v.1954	J. Kořenský	J. Kořenský	JMCB
Bagous glabrirostris	Bohemia	Třeboň, Mokré meadows	6954	21.xi.2010	T. Mészáros	M. Putz	M. Putz
Bagous glabrirostris	Bohemia	Třeboň, Thierov pond	6954	21.xi.2010	T. Mészáros	T. Mészáros	T. Mészáros
Bagous glabrirostris	Bohemia	Třeboň, Thierov pond	6954	28.xi.2010	T. Mészáros	T. Mészáros	T. Mészáros
Bagous glabrirostris	Bohemia	Branná	7054	01.viii.2004	V. Křivan	R. Stejskal	V. Křivan
Bagous glabrirostris	Bohemia	Branná	7054	10.viii.2004	M. Snížek	R. Stejskal	R. Stejskal
Bagous glabrirostris	Moravia	Přerov	6570	x.1948	J. Strejček	J. Strejček	J. Strejček
Bagous glabrirostris	Moravia	Divoky u Zdounek	6769	undated	E. Jagemann	P. Bogusch	MZMB
Bagous glabrirostris	Moravia	Pouzdřany	7065	undated	B. Kouřil	P. Bogusch	NMP
Bagous glabrirostris	Moravia	Uherčice	7065	undated	E. Jagemann	P. Bogusch	MZMB
Bagous glabrirostris	Moravia	Podyjí NP, Čížov, Čížovský lesní rybník	7161	14.vii.2013	R. Stejskal	R. Stejskal	R. Stejskal
Bagous glabrirostris	Moravia	Podyjí NP, Čížov, Čížovský lesní rybník	7161	14.vii.2014	R. Stejskal	R. Stejskal	R. Stejskal
Bagous glabrirostris	Moravia	Podyjí NP, Čížov, Čížovský lesní rybník	7161	15.vii.2013	R. Stejskal	R. Stejskal	R. Stejskal
Bagous glabrirostris	Moravia	Podyjí NP, Čížov, Čížovský lesní rybník	7161	15.vii.2014	R. Stejskal	R. Stejskal	R. Stejskal
Bagous glabrirostris	Moravia	Dolní Věstonice	7165	undated	B. Kouřil	P. Bogusch	NMP
Bagous glabrirostris	Moravia	Lednice, Pastvisko NNM	7266	13.xi.2010	T. Mészáros	T. Mészáros	T. Mészáros
Bagous glabrirostris	Moravia	Břeclav	7267	14.viii.1953	J. Strejček	J. Strejček	J. Strejček
Bagous glabrirostris	Moravia	Břeclav	7267	14.viii.1963	J. Strejček	J. Strejček	J. Strejček
Bagous glabrirostris	Moravia	Břeclav	7267	14.viii.1963	J. Strejček	J. Strejček	J. Strejček
Bagous limosus	Moravia	Děhylov, wet meadows	6175	06.vii.1997	M. Mantič	S. Benedikt	S. Benedikt
Bagous limosus	Moravia	Děhylov, wet meadows	6175	13.v.1997	L. Koloničný	S. Benedikt	S. Benedikt
Bagous limosus	Moravia	Děhylov, wet meadows	6175	14.v.1997	M. Mantič	S. Benedikt	S. Benedikt
Bagous limosus	Moravia	Lednice, Pastvisko NNM	7266	13.xi.2010	T. Mészáros	T. Mészáros	T. Mészáros
Bagous limosus	Moravia	Břeclav, Pohansko	7267	05.viii.2012	J. Krátký	J. Krátký	J. Krátký
Bagous longitarsis	Bohemia	Hamr na Jezeře, Hamerský pond	5255	28.vi.2008	R. Škoda	J. Krátký	R. Škoda

Species	Region	Locality	Square	Date	lgt.	det.	coll.
Bagous longitarsis	Bohemia	Hamr na Jezeře, Hamerský pond	5255	28.vi.2008	R. Škoda	J. Krátký	R. Škoda
Bagous longitarsis	Bohemia	Břehyně	5453	23.vii.1963	J. Strejček	J. Strejček	J. Strejček
Bagous longitarsis	Bohemia	Břehyně	5453	23.vii.1963	J. Strejček	J. Strejček	J. Strejček
Bagous longitarsis	Bohemia	Břehyně-Pecopala NNR, Břehyňský pond	5453	11.viii.2007	S. Benedikt	S. Benedikt	S. Benedikt
Bagous longitarsis	Bohemia	Břehyně-Pecopala NNR, Břehyňský pond	5453	15.ii.2014	P. Jansa	P. Jansa	P. Jansa
Bagous longitarsis	Bohemia	Břehyně-Pecopala NNR, Břehyňský pond	5453	17.xi.2010	M. Putz	M. Putz	P. Jansa
Bagous longitarsis	Bohemia	Břehyně-Pecopala NNR, Břehyňský pond	5453	17.xi.2010	M. Putz	M. Putz	M. Putz
Bagous longitarsis	Bohemia	Břehyně-Pecopala NNR, Břehyňský pond	5453	17.xi.2010	M. Putz	R. Stejskal	J. Brestovanský
Bagous longitarsis	Bohemia	Břehyně-Pecopala NNR, Břehyňský pond	5453	17.xi.2010	T. Mészáros	T. Mészáros	T. Mészáros
Bagous longitarsis	Bohemia	Břehyně-Pecopala NNR, Břehyňský pond	5453	23.vii.1963	J. Strejček	J. Strejček	J. Strejček
Bagous longitarsis	Bohemia	Doksy	5453	11.viii.2007	S. Benedikt	S. Benedikt	S. Benedikt
Bagous longitarsis	Bohemia	Doksy	5453	11.viii.2007	S. Benedikt	S. Benedikt	ZMP
Bagous longitarsis	Bohemia	Doksy	5453	15.ii.2014	P. Jansa	P. Jansa	P. Jansa
Bagous longitarsis	Bohemia	Doksy	5453	17.xi.2010	M. Putz	M. Putz	P. Jansa
Bagous longitarsis	Bohemia	Doksy	5453	17.xi.2010	M. Putz	M. Putz	M. Putz
Bagous longitarsis	Bohemia	Bechyně	5454	27.xi.2010	J. Strejček	J. Strejček	J. Strejček
Bagous longitarsis	Bohemia	Břehyně-Pecopala NNR, Břehyňský pond	5454	11.viii.2007	J. Krátký	J. Krátký	J. Krátký
Bagous longitarsis	Bohemia	Nepomyšl	5745	07.viii.1988	J. Strejček	J. Strejček	J. Strejček
Bagous longitarsis	Bohemia	Podbořanský Rohozec	5745	07.viii.1988	J. Strejček	J. Strejček	J. Strejček
Bagous longitarsis	Bohemia	Podbořanský Rohozec	5745	11.vii.1988	J. Strejček	J. Strejček	J. Strejček
Bagous longitarsis	Bohemia	Čelákovice	5854	04.vii.1943	O. Kavan	P. Bogusch	NMP
Bagous longitarsis	Bohemia	Lázně Toušeň	5854	undated	Lokay	P. Bogusch	NMP
Bagous longitarsis	Bohemia	Opatovice nad Labem, sandpit	5860	03.vii.2017	P. Bogusch	P. Bogusch	P. Bogusch
Bagous longitarsis	Bohemia	Staré Ždánice	5860	15.i.2011	T. Mészáros	T. Mészáros	T. Mészáros
Bagous longitarsis	Bohemia	Stéblová, Oplatil sandpit	5860	01.viii.2010	J. Krátký	J. Krátký	J. Krátký
Bagous longitarsis	Bohemia	Stéblová, Oplatil sandpit	5860	11.x.2010	J. Pelikán	J. Pelikán	J. Pelikán
Bagous longitarsis	Bohemia	Stéblová, Oplatil sandpit	5860	15.i.2011	T. Mészáros	T. Mészáros	T. Mészáros
Bagous longitarsis	Bohemia	Stéblová, Oplatil sandpit	5860	16.i.2011	M. Putz	M. Putz	M. Putz
Bagous longitarsis	Bohemia	Stéblová, Oplatil sandpit	5860	27.vii.2012	J. Krátký	J. Krátký	J. Krátký
Bagous longitarsis	Bohemia	Stéblová, Oplatil sandpit	5860	29.vi.2011	J. Krátký	J. Krátký	J. Krátký
Bagous longitarsis	Bohemia	Stéblová, Oplatil sandpit	5860	29.vii.2010	V. Hron	J. Krátký	V. Hron

Species	Region	Locality	Square	Date	lgt.	det.	coll.
Bagous longitarsis	Bohemia	Praha Miličovský forest, Homolka pond	5952	06.ii.2013	J. Strejček	J. Strejček	J. Strejček
Bagous longitarsis	Bohemia	Praha Miličovský forest, Homolka pond	5952	19.xii.2012	J. Strejček	J. Strejček	J. Strejček
Bagous longitarsis	Bohemia	Praha-Komořany	5952	17.iv.2008	J. Strejček	J. Strejček	J. Strejček
Bagous longitarsis	Bohemia	Praha-Miličov	5952	19.xii.2012	J. Strejček	J. Strejček	J. Strejček
Bagous longitarsis	Bohemia	Praha-Miličov	5952	31.xii.2012	J. Strejček	J. Strejček	J. Strejček
Bagous longitarsis	Bohemia	Praha Miličovský forest, Homolka pond	5953	06.ii.2013	J. Strejček	J. Strejček	J. Strejček
Bagous longitarsis	Bohemia	Praha Miličovský forest, Homolka pond	5953	31.xii.2012	J. Strejček	J. Strejček	J. Strejček
Bagous longitarsis	Bohemia	Praha, Miličovský forest	5953	19.xii.2012	J. Strejček	J. Strejček	J. Strejček
Bagous longitarsis	Bohemia	Praha Komořany, Modřanské pools	6052	17.iv.2008	J. Strejček	J. Strejček	J. Strejček
Bagous longitarsis	Bohemia	Praha, Komořany, Modřanské pools	6052	17.iv.2007	J. Strejček	J. Strejček	J. Strejček
Bagous longitarsis	Bohemia	Praha, Hrnčíře, Hrnčířské meadows	6053	05.vi.2007	J. Strejček	J. Strejček	J. Strejček
Bagous longitarsis	Bohemia	Stříbrná Skalice	6155	20.vi.1971	Klička	P. Bogusch	NMP
Bagous longitarsis	Bohemia	Dobříš, Pařezitý pond	6251	02.v.2004	S. Urban	J. Krátký	S. Urban
Bagous longitarsis	Bohemia	Svaté Pole	6251	12.x.2014	P. Jansa	R. Stejskal	P. Jansa
Bagous longitarsis	Bohemia	Příbram	6349	13.iv.2000	S. Urban	S. Benedikt	S. Benedikt
Bagous longitarsis	Bohemia	Příbram, Pařezitý pond	6349	13.iv.2000	S. Urban	S. Benedikt	S. Benedikt
Bagous longitarsis	Bohemia	Příbram	6350	01.v.2001	S. Urban	D. Čudan	D. Čudan
Bagous longitarsis	Bohemia	Veselí nad Lužnicí	6854	03.v.2002	V. Karas	V. Karas	JMCB
Bagous longitarsis	Bohemia	Veselí nad Lužnicí	6854	03.v.2002	V. Karas	V. Karas	JMCB
Bagous longitarsis	Bohemia	Veselí nad Lužnicí	6854	26.iv.2002	V. Karas	V. Karas	JMCB
Bagous longitarsis	Bohemia	Veselí nad Lužnicí	6854	26.iv.2002	V. Karas	V. Karas	JMCB
Bagous longitarsis	Bohemia	Veselí nad Lužnicí	6854	30.iv.2002	V. Karas	V. Karas	JMCB
Bagous longitarsis	Bohemia	Veselí nad Lužnicí	6854	30.iv.2002	V. Karas	V. Karas	JMCB
Bagous longitarsis	Moravia	Ostrava-Martinov	6175	25.vii.1996	M. Mantič	S. Benedikt	S. Benedikt
Bagous longitarsis	Moravia	Ostrava-Třebovice, Štěpán pond	6175	03.vii.1996	L. Koloničný	S. Benedikt	S. Benedikt
Bagous longitarsis	Moravia	Přerov	6570	30.iv.1933	B. Štícha	P. Bogusch	NMP
Bagous longitarsis	Moravia	Náměšť nad Oslavou	6762	04.ix.1972	V. Karas	V. Karas	JMCB
Bagous longitarsis	Moravia	Náměšť nad Oslavou	6762	04.ix.1972	V. Karas	V. Karas	JMCB
Bagous longitarsis	Moravia	Šafov, Podvesný pond	7160	22.iv.2004	V. Křivan	R. Stejskal	V. Křivan
Bagous longitarsis	Moravia	Šafov, Podvesný pond	7160	26.iv.2004	V. Křivan	R. Stejskal	V. Křivan
Bagous longitarsis	Moravia	Přímětice	7162	12.ii.2007	V. Křivan	R. Stejskal	JMZ

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Bagous longitarsis	Moravia	Únanov, caolin mine	7162	06.ix.2004	L. Koloničný	L. Koloničný	L. Koloničný
Bagous longitarsis	Moravia	Únanov, caolin mine	7162	07.ix.2004	P. Boža	P. Boža	P. Boža
Bagous longitarsis	Moravia	Únanov, caolin mine	7162	07.ix.2004	R. Stejskal	R. Stejskal	R. Stejskal
Bagous longitarsis	Moravia	Únanov, caolin mine	7162	08.iv.2004	V. Křivan	R. Stejskal	V. Křivan
Bagous longitarsis	Moravia	Únanov, caolin mine	7162	10.iv.2004	R. Stejskal	R. Stejskal	R. Stejskal
Bagous longitarsis	Moravia	Únanov, caolin mine	7162	12.ii.2007	V. Křivan	R. Stejskal	V. Křivan
Bagous longitarsis	Moravia	Znojmo, Přímětice, caolin mine	7162	08.iv.2004	V. Křivan	D. Čudan	P. Sláma
Bagous longitarsis	Moravia	Dolní Věstonice	7165	23.v.1954	J. Štaif	S. Benedikt	ZMP
Bagous longitarsis	Moravia	Rakvice	7166	13.iii.1910	Mazura	P. Bogusch	NMP
Bagous lutosus	Bohemia	Roudnice nad Labem	5551	04.vi.1907	J. Strejček	J. Strejček	J. Strejček
Bagous lutosus	Bohemia	Horní Slavkov, Stannum mine	5842	27.vi.2012	P. Veselý	J. Strejček	J. Strejček
Bagous lutosus	Bohemia	Horní Slavkov, waste pond	5842	27.vi.2012	P. Veselý	J. Strejček	J. Strejček
Bagous lutosus	Bohemia	Čelákovice	5854	28.iii.1909	L. Klička	P. Bogusch	NMP
Bagous lutosus	Bohemia	Čelákovice	5854	v.1947	J. Strejček	J. Strejček	J. Strejček
Bagous lutosus	Bohemia	Lázně Toušeň	5854	undated	Lokay	P. Bogusch	NMP
Bagous lutosus	Bohemia	Přerov nad Labem	5854	27.vi.1958	B. Štícha	P. Bogusch	NMP
Bagous lutosus	Bohemia	Hradec Králové	5861	ii.1936	J. Strejček	J. Strejček	J. Strejček
Bagous lutosus	Bohemia	Hradec Králové	5861	undated	M. Čejka	J. Strejček	J. Strejček
Bagous lutosus	Bohemia	Praha-Miličov, Vrah pond	5952	01.xii.1976	J. Strejček	J. Strejček	J. Strejček
Bagous lutosus	Bohemia	Černošice	6051	undated	Machulka	P. Bogusch	NMP
Bagous lutosus	Bohemia	Sloupnice	6064	undated	A. Fleischer	P. Bogusch	NMP
Bagous lutosus	Bohemia	Nevřeň	6145	undated	J. Štusák	S. Benedikt	S. Benedikt
Bagous lutosus	Bohemia	Nevřeň u Plzně	6145	undated	J. Štusák	P. Bogusch	NMP
Bagous lutosus	Bohemia	Žilov	6145	undated	unknown	P. Bogusch	NMP
Bagous lutosus	Bohemia	Kařez	6148	undated	J. Wagner	J. Strejček	ZMP
Bagous lutosus	Bohemia	Nekmíř	6154	03.iv.1940	J. Štusák	P. Bogusch	NMP
Bagous lutosus	Bohemia	Nekmíř	6154	undated	J. Štusák	A. Hamet	A. Hamet
Bagous lutosus	Bohemia	Stříbrná skalice	6155	undated	J. Madar	P. Bogusch	NMP
Bagous lutosus	Bohemia	Litomyšl	6163	undated	A. Fleischer	P. Bogusch	NMP
Bagous lutosus	Bohemia	Sytno	6244	22.x.2004	Z. Doležal	Z. Doležal	Z. Doležal
Bagous lutosus	Bohemia	Plzeň	6246	14.viii.1954	Pičman	P. Bogusch	NMP

Species	Region	Locality	Square	Date	lgt.	det.	coll.
Bagous lutosus	Bohemia	Plzeň-Bolevec	6246	15.viii.1953	A. Sobota	S. Benedikt	NMP
Bagous lutosus	Bohemia	Dobříš	6251	11.iv.1911	J. Strejček	J. Strejček	J. Strejček
Bagous lutosus	Bohemia	Letiny	6446	1915	unknown	P. Bogusch	NMP
Bagous lutosus	Bohemia	Plzeň-Letiny	6446	1915	unknown	P. Bogusch	NMP
Bagous lutosus	Bohemia	Písek	6650	undated	J. Madar	P. Bogusch	NMP
Bagous lutosus	Bohemia	Vodňany	6851	31.v.1952	Keil	Kořenský	JMCB
Bagous lutosus	Bohemia	Vodňany	6851	31.v.1952	Keil	Kořenský	JMCB
Bagous lutosus	Bohemia	Ponědrážka	6854	15.v.1956	V. Karas	V. Karas	JMCB
Bagous lutosus	Bohemia	Vlkov nad Lužnicí	6854	17.v.1975	V. Karas	V. Karas	JMCB
Bagous lutosus	Bohemia	Jindřichův Hradec	6856	15.vi.1957	B. Štícha	P. Bogusch	NMP
Bagous lutosus	Bohemia	Hluboká nad Vltavou	6952	22.v.1979	V. Karas	V. Karas	JMCB
Bagous lutosus	Bohemia	Lomnice nad Lužnicí	6954	vii.1933	J. Strejček	J. Strejček	J. Strejček
Bagous lutosus	Bohemia	České Budějovice, Dubné	7052	17.iv.2004	Křivan	V. Křivan	D. Čudan
Bagous lutosus	Moravia	Děhylov	6175	13.v.1997	P. Boža	S. Benedikt	S. Benedikt
Bagous lutosus	Moravia	Děhylov	6175	29.vii.1996	M. Mantič	S. Benedikt	S. Benedikt
Bagous lutosus	Moravia	Dolní Věstonice	7165	undated	Kouřil	P. Bogusch	NMP
Bagous lutosus	Moravia	Lednice	7266	12.vii.1966	J. Strejček	J. Strejček	J. Strejček
Bagous lutulentus	Bohemia	Srbská Kamenice	5152	11.vii.2006	J. Strejček	J. Strejček	J. Strejček
Bagous lutulentus	Bohemia	Tuchomyšl	5349	14.vi.1975	J. Strejček	J. Strejček	J. Strejček
Bagous lutulentus	Bohemia	Mimoň	5354	undated	R. Borovec	J. Strejček	R. Borovec
Bagous lutulentus	Bohemia	Malá Skála	5357	undated	J. Obenberger	P. Bogusch	NMP
Bagous lutulentus	Bohemia	Adršpach	5362	31.v.1973	J. Macek	A. Hamet	A. Hamet
Bagous lutulentus	Bohemia	Bohuslav	5457	11.v.1997	R. Čtvrtečka	R. Čtvrtečka	SML
Bagous lutulentus	Bohemia	Jívka	5462	29.vii.2001	A. Hamet	A. Hamet	A. Hamet
Bagous lutulentus	Bohemia	Martinovice	5556	11.v.1975	K. Mikvas	unknown	VMCL
Bagous lutulentus	Bohemia	Kadaň	5645	undated	Bachmann	P. Bogusch	NMP
Bagous lutulentus	Bohemia	Louny	5648	undated	C. Purkyně	P. Bogusch	NMP
Bagous lutulentus	Bohemia	Dětenice	5657	11.v.1975	K. Mikvas	unknown	VMCL
Bagous lutulentus	Bohemia	Tatrovice	5742	14.iv.2007	J. Pávek	S. Benedikt	S. Benedikt
Bagous lutulentus	Bohemia	Jiřina	5753	07.v.1911	J. Pleticha	P. Bogusch	NMP
Bagous lutulentus	Bohemia	Jiřina	5753	08.vii.1913	unknown	P. Bogusch	NMP

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Bagous lutulentus	Bohemia	Neratovice	5753	undated	Rous	P. Bogusch	NMP
Bagous lutulentus	Bohemia	Sojovice	5754	04.iv.1909	L. Klička	P. Bogusch	NMP
Bagous lutulentus	Bohemia	Kladno	5850	06.vii.1946	Z. Kučera	P. Bogusch	NMP
Bagous lutulentus	Bohemia	Brandýs nad Labem	5853	10.5.1893	unknown	P. Bogusch	NMP
Bagous lutulentus	Bohemia	Hloubětín	5853	undated	unknown	P. Bogusch	NMP
Bagous lutulentus	Bohemia	Čelákovice	5854	09.v.1907	L. Klička	P. Bogusch	NMP
Bagous lutulentus	Bohemia	Čelákovice	5854	26.iv.1905	unknown	P. Bogusch	NMP
Bagous lutulentus	Bohemia	Čelákovice	5854	iv.1939	R. Borovec	J. Strejček	R. Borovec
Bagous lutulentus	Bohemia	Čelákovice	5854	undated	J. Čepelák	J. Strejček	NMP
Bagous lutulentus	Bohemia	Čelákovice	5854	undated	unknown	P. Bogusch	NMP
Bagous lutulentus	Bohemia	Čelákovice	5854	v.1914	R. Veselý	P. Bogusch	NMP
Bagous lutulentus	Bohemia	Přerov nad Labem	5854	26.v.1958	B. Štícha	P. Bogusch	NMP
Bagous lutulentus	Bohemia	Přerov nad Labem	5854	30.vi.1961	B. Štícha	P. Bogusch	NMP
Bagous lutulentus	Bohemia	Přerov nad Labem	5854	30.x.1948	unknown	P. Bogusch	NMP
Bagous lutulentus	Bohemia	Přerov nad Labem	5854	undated	C. Purkyně	P. Bogusch	NMP
Bagous lutulentus	Bohemia	Toušeň	5854	undated	E. Lokay	P. Bogusch	NMP
Bagous lutulentus	Bohemia	Voseček	5856	09.ii.1913	unknown	P. Bogusch	NMP
Bagous lutulentus	Bohemia	Hradec Králové	5861	08.vi.1994	L. Čížek	J. Fremuth	MVHK
Bagous lutulentus	Bohemia	Hradec Králové	5861	i.1936	R. Borovec	J. Strejček	R. Borovec
Bagous lutulentus	Bohemia	Hradec Králové, Na Plachtě NM	5861	02.v.2009	V. Hron	J. Krátký	V. Hron
Bagous lutulentus	Bohemia	Hradec Králové, Na Plachtě NM	5861	02.viii.2004	J. Krátký	J. Krátký	J. Krátký
Bagous lutulentus	Bohemia	Hradec Králové, Na Plachtě NM	5861	04.vii.2005	J. Krátký	J. Krátký	J. Krátký
Bagous lutulentus	Bohemia	Hradec Králové, Na Plachtě NM	5861	04.viii.2004	J. Krátký	J. Krátký	J. Krátký
Bagous lutulentus	Bohemia	Hradec Králové, Na Plachtě NM	5861	05.vi.2004	J. Krátký	J. Krátký	J. Krátký
Bagous lutulentus	Bohemia	Hradec Králové, Na Plachtě NM	5861	06.vi.2001	J. Pelikán	J. Krátký	J. Krátký
Bagous lutulentus	Bohemia	Hradec Králové, Na Plachtě NM	5861	08.vi.1994	P. Čížek	P. Čížek	P. Čížek
Bagous lutulentus	Bohemia	Hradec Králové, Na Plachtě NM	5861	08.vi.1994	P. Čížek	A. Hamet	A. Hamet
Bagous lutulentus	Bohemia	Hradec Králové, Na Plachtě NM	5861	10.viii.2004	J. Krátký	J. Krátký	J. Krátký
Bagous lutulentus	Bohemia	Hradec Králové, Na Plachtě NM	5861	11.vi.2006	V. Hron	J. Krátký	V. Hron
Bagous lutulentus	Bohemia	Hradec Králové, Na Plachtě NM	5861	11.viii.2005	F. Pavel	J. Krátký	F. Pavel
Bagous lutulentus	Bohemia	Hradec Králové, Na Plachtě NM	5861	13.v.2001	J. Gahai	D. Čudan	D. Čudan

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Bagous lutulentus	Bohemia	Hradec Králové, Na Plachtě NM	5861	13.vi.2009	V. Hron	J. Krátký	V. Hron
Bagous lutulentus	Bohemia	Hradec Králové, Na Plachtě NM	5861	14.vi.1995	M. Mikát	J. Fremuth	MZMB
Bagous lutulentus	Bohemia	Hradec Králové, Na Plachtě NM	5861	15.v.2016	P. Bogusch	P. Bogusch	P. Bogusch
Bagous lutulentus	Bohemia	Hradec Králové, Na Plachtě NM	5861	15.viii.2004	J. Pelikán	J. Krátký	J. Pelikán
Bagous lutulentus	Bohemia	Hradec Králové, Na Plachtě NM	5861	22.v.2006	V. Hron	J. Krátký	V. Hron
Bagous lutulentus	Bohemia	Hradec Králové, Na Plachtě NM	5861	23.iv.2011	M. Putz	M. Putz	M. Putz
Bagous lutulentus	Bohemia	Hradec Králové, Na Plachtě NM	5861	24.v.2005	R. Udržal	J. Krátký	R. Udržal
Bagous lutulentus	Bohemia	Hradec Králové, Na Plachtě NM	5861	25.vii.2004	J. Krátký	J. Krátký	J. Krátký
Bagous lutulentus	Bohemia	Hradec Králové, Na Plachtě NM	5861	26.v.1995	M. Mikát	J. Fremuth	MZMB
Bagous lutulentus	Bohemia	Hradec Králové, Na Plachtě NM	5861	26.v.1995	M. Mikát	J. Fremuth	MVHK
Bagous lutulentus	Bohemia	Hradec Králové, Na Plachtě NM	5861	26.v.1995	M. Mikát	A. Hamet	A. Hamet
Bagous lutulentus	Bohemia	Hradec Králové, Na Plachtě NM	5861	29.v.1998	P. Veselý	J. Strejček	J. Strejček
Bagous lutulentus	Bohemia	Hradec Králové, Na Plachtě NM	5861	29.x.2006	J. Pelikán	J. Krátký	J. Pelikán
Bagous lutulentus	Bohemia	Hradec Králové, Na Plachtě NM	5861	31.v.1995	M. Mikát	J. Fremuth	MZMB
Bagous lutulentus	Bohemia	Prameny	5942	02.x.2011	S. Benedikt	S. Benedikt	S. Benedikt
Bagous lutulentus	Bohemia	Prameny	5942	04.viii.2012	S. Benedikt	S. Benedikt	S. Benedikt
Bagous lutulentus	Bohemia	Prameny	5942	28.iv.2011	S. Benedikt	S. Benedikt	S. Benedikt
Bagous lutulentus	Bohemia	Bráník	5952	undated	Zeman	P. Bogusch	NMP
Bagous lutulentus	Bohemia	Praha	5952	undated	E. Lokay	P. Bogusch	NMP
Bagous lutulentus	Bohemia	Praha	5952	undated	unknown	P. Bogusch	NMP
Bagous lutulentus	Bohemia	Praha-Miličov	5952	09.v.1979	J. Strejček	J. Strejček	J. Strejček
Bagous lutulentus	Bohemia	Velký Osek	5957	undated	L. Klička	P. Bogusch	NMP
Bagous lutulentus	Bohemia	Praha-Zbraslav	6052	09.vi.1940	unknown	P. Bogusch	NMP
Bagous lutulentus	Bohemia	Závisť	6052	28.iv.1948	B. Štícha	P. Bogusch	NMP
Bagous lutulentus	Bohemia	Úněšov, Hůrky	6145	12.viii.2004	Z. Doležal	Z. Doležal	Z. Doležal
Bagous lutulentus	Bohemia	Plzeň-Bolevec	6246	01.v.1953	A. Sobota	S. Benedikt	NMP
Bagous lutulentus	Bohemia	Příbram	6350	undated	B. Kouřil	P. Bogusch	NMP
Bagous lutulentus	Bohemia	Příbram	6350	undated	R. Borovec	J. Strejček	R. Borovec
Bagous lutulentus	Bohemia	Příbram	6350	undated	unknown	P. Bogusch	NMP
Bagous lutulentus	Bohemia	Český Brod	6359	iv.1914	Rambousek	P. Bogusch	NMP
Bagous lutulentus	Bohemia	Rožmitál pod Třemšínem	6449	03.viii.1974	J. Strejček	J. Strejček	J. Strejček

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Bagous lutulentus	Bohemia	Tchořovice, Dolejší pond NR	6549	10.vi.2015	P. Bogusch	P. Bogusch	P. Bogusch
Bagous lutulentus	Bohemia	Pacov	6556	vi.1947	R. Borovec	J. Strejček	R. Borovec
Bagous lutulentus	Bohemia	Pláně	6644	16.vii.2006	S. Benedikt	S. Benedikt	S. Benedikt
Bagous lutulentus	Bohemia	Písek	6650	1915	unknown	P. Bogusch	NMP
Bagous lutulentus	Bohemia	Písek	6650	07.viii.1940	J. Tyl	P. Bogusch	NMP
Bagous lutulentus	Bohemia	Písek	6650	15.v.1908	J. Tyl	P. Bogusch	NMP
Bagous lutulentus	Bohemia	Písek	6650	27.ix.1910	J. Tyl	P. Bogusch	NMP
Bagous lutulentus	Bohemia	Písek	6650	undated	J. Tyl	P. Bogusch	NMP
Bagous lutulentus	Bohemia	Chudenín	6744	27.ix.2014	S. Benedikt	S. Benedikt	S. Benedikt
Bagous lutulentus	Bohemia	Borkovice	6753	undated	J. Roubal	P. Bogusch	NMP
Bagous lutulentus	Bohemia	Mažice	6753	15.vii.1978	V. Sláma	R. Veselý	P. Sláma
Bagous lutulentus	Bohemia	Soběslav	6754	03.v.1933	Dvořák	J. Strejček	J. Strejček
Bagous lutulentus	Bohemia	Ponědrážka	6854	04.v.2012	T. Mészáros	T. Mészáros	T. Mészáros
Bagous lutulentus	Bohemia	Ponědrážka	6854	16.vi.2012	T. Mészáros	T. Mészáros	T. Mészáros
Bagous lutulentus	Bohemia	Veselí nad Lužnicí	6854	15.ix.2013	M. Putz	M. Putz	M. Putz
Bagous lutulentus	Bohemia	Veselí nad Lužnicí	6854	31.v.2004	M. Snížek	R. Stejskal	M. Snížek
Bagous lutulentus	Bohemia	Jindřichův Hradec	6856	22.vii.1953	B. Štícha	P. Bogusch	NMP
Bagous lutulentus	Bohemia	Jindřichův Hradec	6856	viii.1953	B. Štícha	P. Bogusch	NMP
Bagous lutulentus	Bohemia	Vimperk	6948	15.vi.1986	S. Benedikt	S. Benedikt	S. Benedikt
Bagous lutulentus	Bohemia	Bezdrev	6952	03.v.1958	V. Kořenský	V. Kořenský	JMCB
Bagous lutulentus	Bohemia	Černiš	6952	iv.1955	V. Kořenský	V. Kořenský	JMCB
Bagous lutulentus	Bohemia	Hluboká nad Vltavou	6952	v.1957	V. Kořenský	V. Kořenský	JMCB
Bagous lutulentus	Bohemia	Třeboň	6954	04.x.1978	V. Karas	V. Karas	JMCB
Bagous lutulentus	Bohemia	Petříkov	7154	15.viii.1988	M. Snížek	V. Kořenský	JMCB
Bagous lutulentus	Bohemia	Petříkov	7154	19.vi.1988	M. Snížek	V. Kořenský	JMCB
Bagous lutulentus	Bohemia	Opatovice	?	14.i.1948	O. Smetana	P. Bogusch	NMP
Bagous lutulentus	Bohemia	Srby	?	18.vi.1951	Z. Kučera	P. Bogusch	NMP
Bagous lutulentus	Moravia	Děhylov	6175	26.vi.1997	J. Stanovský	S. Benedikt	L. Koloničný
Bagous lutulentus	Moravia	Paskov	6275	undated	E. Reitter	P. Bogusch	NMP
Bagous lutulentus	Moravia	Adamov	6665	undated	J. Flesicher	P. Bogusch	NMP
Bagous lutulentus	Moravia	Rudice	6666	22.iv.2006	A. Hamet	A. Hamet	A. Hamet

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Bagous lutulentus	Moravia	Zlín	6771	01.v.1945	unknown	unknown	MZMB
Bagous lutulentus	Moravia	Brno-Střelice	6865	23.i.1911	Mazura	P. Bogusch	NMP
Bagous lutulentus	Moravia	Brno-Střelice	6865	undated	J. Fleischer	P. Bogusch	NMP
Bagous lutulentus	Moravia	Brno-Střelice	6865	undated	unknown	P. Bogusch	NMP
Bagous lutulentus	Moravia	Babice	6870	19.vi.1944	unknown	unknown	MZMB
Bagous lutulentus	Moravia	Babice	6870	29.vi.1944	unknown	unknown	MZMB
Bagous lutulentus	Moravia	Oleksovice	7063	15.vii.2005	A. Reiter	R. Stejskal	JMZ
Bagous lutulentus	Moravia	Pouzdřany	7065	13.vi.2006	V. Hron	J. Krátký	V. Hron
Bagous lutulentus	Moravia	Velké Němčice	7066	viii.1986	unknown	J. Strejček	NMP
Bagous lutulentus	Moravia	Čejč	7067	25.v.1942	A. Matějka	P. Bogusch	NMP
Bagous lutulentus	Moravia	Čejč	7067	undated	unknown	P. Bogusch	NMP
Bagous lutulentus	Moravia	Bzenec	7069	01.vi.1941	O. Kodym	P. Bogusch	NMP
Bagous lutulentus	Moravia	Strážnice	7069	undated	A. Hoffer	P. Bogusch	NMP
Bagous lutulentus	Moravia	Suchohrdly	7162	09.vii.2004	R. Stejskal	R. Stejskal	R. Stejskal
Bagous lutulentus	Moravia	Suchohrdly	7162	25.iv.2007	A. Reiter	R. Stejskal	JMZ
Bagous lutulentus	Moravia	Únanov	7162	27.v.1999	Z. Kraus	S. Benedikt	Z. Kraus
Bagous lutulentus	Moravia	Únanov, Purkrábka	7162	25.iv.2007	A. Reiter	R. Stejskal	JMZ
Bagous lutulentus	Moravia	Znojmo	7162	01.i.1991	Z. Kraus	Z. Kraus	Z. Kraus
Bagous lutulentus	Moravia	Znojmo	7162	14.ix.1991	Z. Kraus	S. Benedikt	Z. Kraus
Bagous lutulentus	Moravia	Znojmo	7162	undated	R. Borovec	J. Strejček	R. Borovec
Bagous lutulentus	Moravia	Pavlovské vrchy	7166	undated	B. Kouřil	P. Bogusch	NMP
Bagous lutulentus	Moravia	Hnanice	7261	undated	Schuler	P. Bogusch	NMP
Bagous lutulentus	Moravia	Hrabětice	7264	13.vii.2005	R. Stejskal	R. Stejskal	R. Stejskal
Bagous lutulentus	Moravia	Hrabětice	7264	26.iv.2005	V. Křivan	R. Stejskal	V. Křivan
Bagous lutulentus	Moravia	Mikulov	7266	02.viii.1980	R. Borovec	J. Strejček	R. Borovec
Bagous lutulentus	Moravia	Radvanice	?	22.v.1963	P. Nohel	J. Strejček	J. Strejček
Bagous lutulentus	unknown	Březí	?	undated	V. Vysoký	M. Košťál	M. Košťál
Bagous lutulentus	unknown	Otradovice	?	09.iv.1911	J. Pleticha	P. Bogusch	NMP
Bagous lutulosus	Bohemia	Hradec Králové, Na Plachtě NM	5861	06.vi.2002	T. Kopecký	J. Krátký	J. Krátký
Bagous lutulosus	Bohemia	Hradec Králové, Na Plachtě NM	5861	21.iv.2009	V. Hron	J. Krátký	V. Hron
Bagous lutulosus	Bohemia	Hradec Králové, Na Plachtě NM	5861	27.vi.2017	P. Bogusch	P. Bogusch	P. Bogusch

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Bagous lutulosus	Bohemia	Nový Hradec Králové	5861	20.vi.1938	unknown	J. Strejček	J. Strejček
Bagous lutulosus	Bohemia	Štěchovice	6152	undated	Zeman	P. Bogusch	NMP
Bagous lutulosus	Bohemia	Písek	6650	iii.1924	unknown	P. Bogusch	NMP
Bagous lutulosus	Bohemia	Písek	6650	vii.1924	J. Obenberger	P. Bogusch	NMP
Bagous lutulosus	Bohemia	Třeboň	6954	vi.1930	J. Čejka	J. Čejka	P. Kresl
Bagous lutulosus	Bohemia	Starý Hamr	6955	06.vi.1980	V. Karas	V. Karas	JMCB
Bagous lutulosus	Bohemia	Jesenice, Lázský pond	unknown	undated	unknown	unknown	unknown
Bagous lutulosus	Moravia	Paskov	6275	undated	Graf	J. Krátký	J. Krátký
Bagous lutulosus	Moravia	Zlín	6771	27.iv.1945	A. Černý	unknown	MJMZ
Bagous lutulosus	Moravia	Zlín	6771	vi.1951	Gazdík	unknown	MJMZ
Bagous lutulosus	Moravia	Brno-Černovice	6865	01.iii.1955	J. Gottwald	J. Gottwald	NMP
Bagous lutulosus	Moravia	Brno-Střelice	6865	undated	A. Fleischer	P. Bogusch	NMP
Bagous lutulosus	Moravia	Babice	6870	25.iv.1943	A. Černý	unknown	MJMZ
Bagous lutulosus	Moravia	Lideřovice	7070	28.vi.1942	A. Černý	unknown	MJMZ
Bagous lutulosus	Moravia	Pavlovské vrchy	7166	undated	B. Kouřil	P. Bogusch	NMP
Bagous majzlani	Moravia	Drnholec	7164	06.v.1964	Smetana	J. Strejček	J. Strejček
Bagous nodulosus	Bohemia	Lysá nad Labem	5754	undated	unknown	P. Bogusch	NMP
Bagous nodulosus	Bohemia	Brandýs nad Labem	5853	undated	unknown	unknown	NMP
Bagous nodulosus	Bohemia	Čelákovice	5854	1939	J. Čepelák	unknown	NMP
Bagous nodulosus	Bohemia	Čelákovice	5854	1943	unknown	P. Bogusch	NMP
Bagous nodulosus	Bohemia	Čelákovice	5854	13.vi.1956	R. Veselý	unknown	NMP
Bagous nodulosus	Bohemia	Čelákovice	5854	24.vi.1943	O. Kavan	P. Bogusch	NMP
Bagous nodulosus	Bohemia	Přerov nad Labem	5854	16.vii.1958	B. Štícha	unknown	NMP
Bagous nodulosus	Bohemia	Přerov nad Labem	5854	24.v.1940	unknown	P. Bogusch	NMP
Bagous nodulosus	Bohemia	Poděbrady	5856	20.x.1978	V. Karas	V. Karas	JMCB
Bagous nodulosus	Bohemia	Roudnice	5859	vi.1907	J. Roubal	J. Strejček	J. Strejček
Bagous nodulosus	Bohemia	Hradec Králové	5861	27.iv.1905	J. Čejka	B. Kouřil	NMP
Bagous nodulosus	Bohemia	Běleč nad Orlicí	5862	vi.2014	T. Kopecký	J. Pelikán	T. Kopecký
Bagous nodulosus	Bohemia	Praha-Chuchle	5952	1910	V. Machulka	J. Strejček	J. Strejček
Bagous nodulosus	Bohemia	Praha-Chuchle	5952	undated	V. Machulka	J. Strejček	J. Strejček
Bagous nodulosus	Bohemia	Praha-Karlín	5952	05.viii.1910	unknown	unknown	NMP

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Bagous nodulosus	Bohemia	Kolín	5957	undated	unknown	P. Bogusch	NMP
Bagous nodulosus	Bohemia	Radotín	6052	17.v.1942	unknown	unknown	NMP
Bagous nodulosus	Bohemia	Radotín	6052	17.v.1942	unknown	unknown	NMP
Bagous nodulosus	Bohemia	Zbraslav	6052	24.vi.1941	unknown	unknown	NMP
Bagous nodulosus	Bohemia	Písek	6650	20.v.1910	J. Tyl	unknown	NMP
Bagous nodulosus	Moravia	Babice	6870	vi.1940	A. Černý	unknown	MJMZ
Bagous nodulosus	Moravia	Židlochovice	6965	v.1966	J. Dezort	J. Strejček	J. Strejček
Bagous nodulosus	Moravia	Nové Mlýny	7065	21.viii.2011	T. Mészáros	M. Putz	M. Putz
Bagous nodulosus	Moravia	Pasohlávky	7065	04.viii.2012	T. Mészáros	T. Mészáros	T. Mészáros
Bagous nodulosus	Moravia	Pasohlávky	7065	21.viii.2011	T. Mészáros	T. Mészáros	T. Mészáros
Bagous nodulosus	Moravia	Velké Němčice	7066	v.1964	unknown	J. Strejček	J. Strejček
Bagous nodulosus	Moravia	Lednice, Pastviště	7166	24.x.2004	J. Krátký	J. Krátký	J. Krátký
Bagous nodulosus	Moravia	Lednice, Pastviště	7166	24.x.2004	R. Škoda	J. Krátký	R. Škoda
Bagous nodulosus	Moravia	Pavlovské vrchy	7166	04.vii.1952	A. Hoffer	J. Štaif	S. Benedikt
Bagous nodulosus	Moravia	Hlohovec	7266	v.2013	P. Häffliger	P. Häffliger	P. Häffliger
Bagous nodulosus	Moravia	Hlohovec, fish pools	7266	31.v.2015	P. Bogusch	P. Bogusch	P. Bogusch
Bagous nodulosus	Moravia	Lednice	7266	13.vi.2000	D. Poisel	R. Stejskal	R. Stejskal
Bagous nodulosus	Moravia	Lednice	7266	26.vi.2003	D. Čudan	D. Čudan	D. Čudan
Bagous nodulosus	Moravia	Lednice	7266	26.vi.2003	V. Křivan	R. Stejskal	V. Křivan
Bagous nodulosus	Moravia	Lednice	7266	27.vi.2003	D. Čudan	D. Čudan	P. Sláma
Bagous nodulosus	Moravia	Lednice	7266	10.vii.1966	J. Strejček	J. Strejček	J. Strejček
Bagous nodulosus	Moravia	Lednice, Pastvisko NNM	7266	31.v.2015	P. Bogusch	P. Bogusch	P. Bogusch
Bagous nodulosus	Moravia	Břeclav	7267	v.1963	J. Dezort	J. Strejček	J. Strejček
Bagous nodulosus	Moravia	Lanžhot	7267	18.ix.2008	P. Kresl	P. Kresl	P. Kresl
Bagous nodulosus	Moravia	Lanžhot	7267	31.v.2015	P. Bogusch	P. Bogusch	P. Bogusch
Bagous petro	Bohemia	Horní Ředice	5961	02.v.2007	J. Pelikán	J. Pelikán	J. Pelikán
Bagous petro	Bohemia	Horní Ředice	5961	03.v.2008	M. Boukal	M. Boukal	L. Koloničný
Bagous petro	Bohemia	Horní Ředice	5961	16.viii.2007	J. Pelikán	J. Pelikán	P. Čížek
Bagous petro	Bohemia	Horní Ředice	5961	16.viii.2007	J. Pelikán	J. Pelikán	J. Krátký
Bagous petro	Bohemia	Horní Ředice	5961	16.viii.2007	J. Pelikán	J. Pelikán	R. Škoda
Bagous petro	Bohemia	Horní Ředice	5961	16.viii.2007	J. Pelikán	J. Strejček	J. Strejček

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Bagous petro	Bohemia	Horní Ředice	5961	17.v.2007	J. Krátký	J. Krátký	J. Krátký
Bagous petro	Bohemia	Horní Ředice	5961	19.viii.2009	J. Pelikán	J. Pelikán	J. Pelikán
Bagous petro	Bohemia	Horní Ředice	5961	20.iv.2007	M. Boukal	P. Boža	P. Boža
Bagous petro	Bohemia	Horní Ředice	5961	20.iv.2007	M. Boukal	M. Boukal	L. Koloničný
Bagous petro	Bohemia	Horní Ředice	5961	21.viii.2009	J. Pelikán	J. Pelikán	J. Pelikán
Bagous petro	Bohemia	Horní Ředice	5961	24.v.2007	J. Pelikán	J. Pelikán	J. Pelikán
Bagous petro	Bohemia	Horní Ředice	5961	26.vi.2003	J. Pelikán	J. Pelikán	D. Čudan
Bagous petro	Bohemia	Horní Ředice	5961	viii.2008	J. Pelikán	J. Pelikán	J. Pelikán
Bagous petro	Moravia	Strachotín	7065	undated	unknown	unknown	unknown
Bagous petro	Moravia	Mutěnice	7068	01.vii.1943	B. Kouřil	B. Kouřil	J. Strejček
Bagous petro	Moravia	Mutěnice	7068	01.vii.1943	B. Štícha	J. Strejček	J. Strejček
Bagous petro	Moravia	Podivín	7167	vi.1962	J. Dezort	J. Strejček	MZMB
Bagous petro	Moravia	Podivín	7167	vi.1963	J. Dezort	J. Strejček	J. Strejček
Bagous petro	unknown	Nouzov	?	23.v.1909	V. Kracík	P. Bogusch	NMP
Bagous puncticollis	Bohemia	Roudnice nad Labem	5551	08.iv.1907	J. Roubal	J. Strejček	NMP
Bagous puncticollis	Bohemia	Neratovice	5753	10.viii.1924	B. Štícha	P. Bogusch	NMP
Bagous puncticollis	Bohemia	Brandýs nad Labem	5853	undated	unknown	P. Bogusch	NMP
Bagous puncticollis	Bohemia	Čelákovice	5854	02.v.1947	unknown	P. Bogusch	NMP
Bagous puncticollis	Bohemia	Čelákovice	5854	04.vii.1943	B. Štícha	J. Strejček	J. Strejček
Bagous puncticollis	Bohemia	Čelákovice	5854	04.vii.1943	B. Štícha	P. Bogusch	NMP
Bagous puncticollis	Bohemia	Čelákovice	5854	04.vii.1943	J. Strejček	J. Strejček	J. Strejček
Bagous puncticollis	Bohemia	Čelákovice	5854	04.vii.1943	O. Kavan	P. Bogusch	NMP
Bagous puncticollis	Bohemia	Čelákovice	5854	29.v.1940	unknown	P. Bogusch	NMP
Bagous puncticollis	Bohemia	Čelákovice	5854	undated	K. Pfleger	J. Strejček	J. Strejček
Bagous puncticollis	Bohemia	Čelákovice	5854	undated	K. Pfleger	J. Strejček	J. Strejček
Bagous puncticollis	Bohemia	Čelákovice	5854	undated	K. Pfleger	J. Strejček	J. Strejček
Bagous puncticollis	Bohemia	Káraný	5854	iv.1945	A. Gottwald	A. Gottwald	NMP
Bagous puncticollis	Bohemia	Přerov nad Labem	5854	25.v.1910	J. Roubal	J. Strejček	NMP
Bagous puncticollis	Bohemia	Přerov nad Labem	5854	25.vii.1943	J. Hrbáček	P. Bogusch	NMP
Bagous puncticollis	Bohemia	Přerov nad Labem	5854	30.x.1948	A. Gottwald	P. Bogusch	NMP
Bagous puncticollis	Bohemia	Stará Boleslav	5854	01.xi.1927	Čejka	S. Benedikt	P. Kresl

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Bagous puncticollis	Bohemia	Toušeň	5854	24.iii.1905	J. Obenberger	P. Bogusch	NMP
Bagous puncticollis	Bohemia	Kostomlaty nad Labem	5855	16.vii.1944	B. Štícha	P. Bogusch	NMP
Bagous puncticollis	Bohemia	Velký Osek	5957	03.iv.1921	L. Klička	P. Bogusch	NMP
Bagous puncticollis	Bohemia	Velký Osek	5957	07.v.1922	B. Štícha	P. Bogusch	NMP
Bagous puncticollis	Bohemia	Branná	7054	01.viii.2004	M. Snížek	S. Benedikt	S. Benedikt
Bagous puncticollis	Bohemia	Branná	7054	01.viii.2004	V. Křivan	R. Stejskal	V. Křivan
Bagous puncticollis	Moravia	Vracovice	7061	10.iv.2004	R. Stejskal	A. Šíma	JMZ
Bagous puncticollis	Moravia	Pouzdřany	7065	02.vi.1968	J. Fremuth	J. Fremuth	MVHK
Bagous puncticollis	Moravia	Čížov	7161	14.vii.2013	R. Stejskal	R. Stejskal	R. Stejskal
Bagous puncticollis	Moravia	Čížov	7161	14.vii.2013	R. Stejskal	R. Stejskal	JMZ
Bagous puncticollis	Moravia	Čížov	7161	14.vii.2014	F. Trnka	F. Trnka	F. Trnka
Bagous puncticollis	Moravia	Čížov	7161	14.vii.2014	R. Stejskal	R. Stejskal	R. Stejskal
Bagous puncticollis	Moravia	Čížov	7161	15.vii.2013	R. Stejskal	R. Stejskal	R. Stejskal
Bagous puncticollis	Moravia	Čížov	7161	15.vii.2014	R. Stejskal	R. Stejskal	R. Stejskal
Bagous puncticollis	Moravia	Bulhary, Křivé jezero NNR	7166	12.vii.1972	J. Strejček	J. Strejček	J. Strejček
Bagous puncticollis	Moravia	Lednice, Včelínek pool	7266	09.vii.1972	J. Strejček	J. Strejček	J. Strejček
Bagous puncticollis	Moravia	Břeclav	7267	09.vii.1972	J. Strejček	J. Strejček	J. Strejček
Bagous puncticollis	Moravia	Břeclav, Pohansko	7267	04.vi.1968	A. Sobota	S. Benedikt	NMP
Bagous robustus	Bohemia	Brandýs nad Labem	5853	10.4.1893	K. Skalitzky	P. Bogusch	NMP
Bagous robustus	Bohemia	Přerov nad Labem	5854	undated	C. Purkyně	J. Fremuth	MVHK
Bagous robustus	Bohemia	Toušeň	5854	undated	E. Lokay	P. Bogusch	NMP
Bagous robustus	Bohemia	Nymburk	5856	29.v.1942	unknown	S. Benedikt	J. Strejček
Bagous robustus	Bohemia	Hradec Králové, Na Plachtě NM	5861	05.vi.2004	J. Krátký	J. Krátký	J. Krátký
Bagous robustus	Bohemia	Hradec Králové, Na Plachtě NM	5861	06.vi.2014	P. Bogusch	P. Bogusch	P. Bogusch
Bagous robustus	Bohemia	Hradec Králové, Na Plachtě NM	5861	13.v.2001	J. Gahai	D. Čudan	P. Sláma
Bagous robustus	Bohemia	Hradec Králové, Na Plachtě NM	5861	13.viii.2004	J. Krátký	J. Krátký	J. Krátký
Bagous robustus	Bohemia	Hradec Králové, Na Plachtě NM	5861	15.viii.2004	J. Pelikán	J. Krátký	J. Pelikán
Bagous robustus	Bohemia	Hradec Králové, Na Plachtě NM	5861	21.iv.2009	V. Hron	J. Krátký	V. Hron
Bagous robustus	Bohemia	Hradec Králové, Na Plachtě NM	5861	25.vii.2004	J. Krátký	J. Krátký	J. Krátký
Bagous robustus	Bohemia	Hradec Králové, Na Plachtě NM	5861	26.v.1995	M. Mikát	J. Fremuth	MZMB
Bagous robustus	Bohemia	Hradec Králové, Na Plachtě NM	5861	v.1995	T. Kopecký	J. Krátký	T. Kopecký

Species	Region	Locality	Square	Date	lgt.	det.	coll.
Bagous robustus	Bohemia	Hrobice	5961	06.vi.1942	A. Gottwald	P. Bogusch	NMP
Bagous robustus	Bohemia	Sytno	6244	10.iv.2004	Z. Andrš	Z. Andrš	P. Kresl
Bagous robustus	Bohemia	Nýřany	6245	viii.1929	unknown	P. Bogusch	NMP
Bagous robustus	Bohemia	Přimda	6341	30.vi.1998	Z. Kejval	S. Benedikt	MCHD
Bagous robustus	Bohemia	Písek	6650	20.vii.1908	unknown	P. Bogusch	NMP
Bagous robustus	Bohemia	Bechyně, Vyhnanice	6653	09.vii.1982	J. Strejček	J. Strejček	J. Strejček
Bagous robustus	Bohemia	Bechyně, Vyhnanice	6653	11.vii.1982	J. Strejček	J. Strejček	J. Strejček
Bagous robustus	Bohemia	Soběslav	6754	03.v.1933	L. Dvořák	J. Strejček	J. Strejček
Bagous robustus	Moravia	Děhylov	6175	01.viii.1996	L. Koloničný	S. Benedikt	S. Benedikt
Bagous robustus	Moravia	Děhylov	6175	01.viii.1996	L. Koloničný	S. Benedikt	L. Koloničný
Bagous robustus	Moravia	Děhylov	6175	10.viii.1996	P. Boža	S. Benedikt	S. Benedikt
Bagous robustus	Moravia	Děhylov	6175	26.vi.1997	L. Koloničný	S. Benedikt	L. Koloničný
Bagous robustus	Moravia	Děhylov	6175	29.vii.1996	M. Mantič	S. Benedikt	S. Benedikt
Bagous robustus	Moravia	Čejč	7067	undated	J. Fleischer	P. Bogusch	NMP
Bagous robustus	Moravia	Pálava	7166	undated	J. Fleischer	P. Bogusch	NMP
Bagous rotundicollis	Moravia	Milotice	7068	02.vi.2002	S. Benedikt	S. Benedikt	D. Čudan
Bagous rotundicollis	Moravia	Milotice	7068	02.xi.2001	S. Benedikt	S. Benedikt	S. Benedikt
Bagous rotundicollis	Moravia	Milotice	7068	02.xi.2001	S. Benedikt	S. Benedikt	P. Čížek
Bagous rotundicollis	Moravia	Milotice	7068	02.xi.2001	S. Benedikt	S. Benedikt	D. Čudan
Bagous rotundicollis	Moravia	Milotice	7068	02.xi.2001	S. Benedikt	S. Benedikt	A. Hamet
Bagous rotundicollis	Moravia	Milotice	7068	02.xi.2001	S. Benedikt	S. Benedikt	P. Kresl
Bagous rotundicollis	Moravia	Milotice	7068	02.xi.2001	S. Benedikt	S. Benedikt	R. Stejskal
Bagous rotundicollis	Moravia	Milotice	7068	02.xi.2001	V. Vyhnálek	V. Vyhnálek	L. Koloničný
Bagous rotundicollis	Moravia	Milotice	7068	06.vii.2006	F. Pavel	F. Pavel	J. Krátký
Bagous rotundicollis	Moravia	Milotice	7068	06.vii.2006	J. Pelikán	A. Trmal	R. Škoda
Bagous rotundicollis	Moravia	Milotice	7068	08.i.2005	V. Vyhnálek	V. Vyhnálek	L. Koloničný
Bagous rotundicollis	Moravia	Milotice	7068	08.i.2005	V. Vyhnálek	V. Vyhnálek	P. Sláma
Bagous rotundicollis	Moravia	Milotice	7068	11.iv.2011	T. Mészáros	D. Čudan	D. Čudan
Bagous rotundicollis	Moravia	Milotice	7068	12.xi.2005	J. Pelikán	J. Pelikán	J. Pelikán
Bagous rotundicollis	Moravia	Milotice	7068	14.v.2008	J. Gahai	D. Čudan	D. Čudan
Bagous rotundicollis	Moravia	Milotice	7068	14.v.2008	J. Gahai	J. Krátký	J. Gahai

Species	Region	Locality	Square	Date	lgt.	det.	coll.
Bagous rotundicollis	Moravia	Milotice	7068	16.vi.2006	T. Třešňák	unknown	T. Třešňák
Bagous rotundicollis	Moravia	Milotice	7068	16.x.1982	J. Strejček	J. Strejček	J. Strejček
Bagous rotundicollis	Moravia	Milotice	7068	17.iv.2011	M. Putz	M. Putz	M. Putz
Bagous rotundicollis	Moravia	Milotice	7068	17.iv.2011	T. Mészáros	T. Mészáros	T. Mészáros
Bagous rotundicollis	Moravia	Milotice, Písečný rybník NR	7068	29.v.2015	P. Bogusch	P. Bogusch	P. Bogusch
Bagous subcarinatus	Bohemia	Sobědruhy	5349	20.vi.1970	J. Strejček	J. Strejček	J. Strejček
Bagous subcarinatus	Bohemia	Sobědruhy	5349	27.x.1970	J. Strejček	J. Strejček	J. Strejček
Bagous subcarinatus	Bohemia	Holany	5352	15.ii.2014	P. Jansa	P. Jansa	P. Jansa
Bagous subcarinatus	Bohemia	Lobkovice	5753	19.7.	Zeman	P. Bogusch	NMP
Bagous subcarinatus	Bohemia	Nepasice	5761	04.vii.1992	P. Čížek	P. Čížek	P. Čížek
Bagous subcarinatus	Bohemia	Nepasice	5761	04.vii.1992	P. Čížek	A. Hamet	A. Hamet
Bagous subcarinatus	Bohemia	Praha-Bubny	5852	16.vii.1907	L. Klička	P. Bogusch	NMP
Bagous subcarinatus	Bohemia	Praha-Bubny	5852	17.vii.1907	unknown	P. Bogusch	NMP
Bagous subcarinatus	Bohemia	Byšičky	5854	30.iv.1993	J. Strejček	J. Strejček	J. Strejček
Bagous subcarinatus	Bohemia	Čelákovice	5854	02.viii.1945	O. Kavan	P. Bogusch	NMP
Bagous subcarinatus	Bohemia	Čelákovice	5854	04.vii.1943	B. Štícha	P. Bogusch	NMP
Bagous subcarinatus	Bohemia	Čelákovice	5854	06.vi.1896	unknown	P. Bogusch	NMP
Bagous subcarinatus	Bohemia	Čelákovice	5854	17.vii.1943	O. Kavan	S. Benedikt	S. Benedikt
Bagous subcarinatus	Bohemia	Čelákovice	5854	26.iv.1905	unknown	P. Bogusch	NMP
Bagous subcarinatus	Bohemia	Čelákovice	5854	26.vii.1942	B. Štícha	P. Bogusch	NMP
Bagous subcarinatus	Bohemia	Čelákovice	5854	30.x.1970	J. Strejček	J. Strejček	J. Strejček
Bagous subcarinatus	Bohemia	Čelákovice	5854	v.1946	J. Štaif	S. Benedikt	S. Benedikt
Bagous subcarinatus	Bohemia	Přerov nad Labem	5854	06.viii.1944	J. Hrbáček	P. Bogusch	NMP
Bagous subcarinatus	Bohemia	Přerov nad Labem	5854	08.iv.1907	J. Roubal	R. Borovec	J. Strejček
Bagous subcarinatus	Bohemia	Přerov nad Labem	5854	13.vii.1941	unknown	P. Bogusch	NMP
Bagous subcarinatus	Bohemia	Přerov nad Labem	5854	18.vii.1943	J. Hrbáček	P. Bogusch	NMP
Bagous subcarinatus	Bohemia	Přerov nad Labem	5854	undated	C. Purkyně	P. Bogusch	NMP
Bagous subcarinatus	Bohemia	Přerov nad Labem	5854	undated	J. Roubal	P. Bogusch	NMP
Bagous subcarinatus	Bohemia	Přerov nad Labem	5854	undated	J. Roubal	J. Strejček	NMP
Bagous subcarinatus	Bohemia	Starý Přerov	5854	07.v.1933	B. Štícha	P. Bogusch	NMP
Bagous subcarinatus	Bohemia	Toušeň	5854	undated	E. Lokay	P. Bogusch	NMP

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Bagous subcarinatus	Bohemia	Voseček	5856	undated	F. Štěrba	P. Bogusch	NMP
Bagous subcarinatus	Bohemia	Opatovice nad Labem	5860	09.xi.2005	J. Pelikán	J. Krátký	J. Pelikán
Bagous subcarinatus	Bohemia	Hradec Králové	5861	19.vi.1945	J. Čejka	P. Bogusch	NMP
Bagous subcarinatus	Bohemia	Praha	5952	vi.1972	Rydl	P. Bogusch	NMP
Bagous subcarinatus	Bohemia	Praha-Milíčov	5952	25.xi.2003	J. Strejček	J. Strejček	J. Strejček
Bagous subcarinatus	Bohemia	Praha-Milíčov	5952	26.vi.2005	J. Strejček	J. Strejček	J. Strejček
Bagous subcarinatus	Bohemia	Praha-Milíčov	5952	30.iii.2005	J. Strejček	J. Strejček	J. Strejček
Bagous subcarinatus	Bohemia	Praha-Dolní Počernice	5953	10.iii.2005	J. Strejček	J. Strejček	J. Strejček
Bagous subcarinatus	Bohemia	Praha-Dolní Počernice	5953	23.x.2004	J. Strejček	J. Strejček	J. Strejček
Bagous subcarinatus	Bohemia	Praha-Dolní Počernice	5953	29.x.2004	J. Strejček	J. Strejček	J. Strejček
Bagous subcarinatus	Bohemia	Veltruby, Libický luh NR	5957	04.iv.2009	J. Gahai	J. Krátký	J. Gahai
Bagous subcarinatus	Bohemia	Praha-Komořany	6052	23.iii.2011	J. Strejček	J. Strejček	J. Strejček
Bagous subcarinatus	Bohemia	Praha-Zbraslavská pool	6052	13.v.1981	J. Strejček	J. Strejček	NMP
Bagous subcarinatus	Bohemia	Dobříš	6251	02.v.2004	S. Urban	J. Krátký	S. Urban
Bagous subcarinatus	Bohemia	Svaté Pole	6251	12.x.2014	P. Jansa	P. Jansa	P. Jansa
Bagous subcarinatus	Bohemia	Svaté Pole	6251	13.x.2013	P. Jansa	P. Jansa	P. Jansa
Bagous subcarinatus	Bohemia	Dublovice	6352	06.viii.2005	A. Trmal	A. Trmal	J. Krátký
Bagous subcarinatus	Bohemia	Milevsko	6552	17.iv.1905	F. Štěrba	P. Bogusch	NMP
Bagous subcarinatus	Bohemia	Hodňov	7250	28.v.2007	J. Strejček	J. Strejček	J. Strejček
Bagous subcarinatus	Bohemia	Hodňov	7250	28.v.2008	J. Strejček	J. Strejček	J. Strejček
Bagous subcarinatus	Bohemia	Rožmberk	?	28.vii.1947	unknown	P. Bogusch	NMP
Bagous subcarinatus	Moravia	Děhylov	6174	24.vii.1996	L. Koloničný	S. Benedikt	L. Koloničný
Bagous subcarinatus	Moravia	Martinov	6175	20.ii.2008	L. Koloničný	L. Koloničný	L. Koloničný
Bagous subcarinatus	Moravia	Martinov	6175	20.ii.2008	L. Koloničný	J. Krátký	L. Koloničný
Bagous subcarinatus	Moravia	Uherské Hradiště	6970	13.vi.1944	J. Hájek	P. Bogusch	NMP
Bagous subcarinatus	Moravia	Mikulovice u Znojma	7062	13.vi.2008	A. Reiter	R. Stejskal	JMZ
Bagous subcarinatus	Moravia	Mikulovice u Znojma	7062	22.vii.2007	R. Stejskal	R. Stejskal	R. Stejskal
Bagous subcarinatus	Moravia	Mikulovice u Znojma	7062	23.iv.2008	A. Reiter	R. Stejskal	JMZ
Bagous subcarinatus	Moravia	Pouzdřany	7065	undated	B. Kouřil	P. Bogusch	NMP
Bagous subcarinatus	Moravia	Milotice	7068	14.x.2011	R. Stejskal	R. Stejskal	R. Stejskal
Bagous subcarinatus	Moravia	Milotice	7068	17.iv.2011	M. Putz	M. Putz	M. Putz

Species	Region	Locality	Square	Date	lgt.	det.	coll.
Bagous subcarinatus	Moravia	Milotice	7068	17.iv.2011	T. Mészáros	T. Mészáros	T. Mészáros
Bagous subcarinatus	Moravia	Milotice	7068	17.vi.2011	M. Putz	M. Putz	P. Jansa
Bagous subcarinatus	Moravia	Halámky	7155	07.vii.2000	S. Benedikt	S. Benedikt	S. Benedikt
Bagous subcarinatus	Moravia	Dyje	7162	undated	A. Flesicher	P. Bogusch	NMP
Bagous subcarinatus	Moravia	Popice	7162	03.viii.2004	V. Křivan	R. Stejskal	V. Křivan
Bagous subcarinatus	Moravia	Popice	7162	25.viii.2004	D. Čudan	D. Čudan	D. Čudan
Bagous subcarinatus	Moravia	Únanov	7162	11.iv.2010	R. Stejskal	R. Stejskal	R. Stejskal
Bagous subcarinatus	Moravia	Hrušovany nad Jevišovkou	7164	14.vii.2004	A. Reiter	R. Stejskal	JMZ
Bagous subcarinatus	Moravia	Dolní Věstonice	7165	02.iv.1970	J. Brožík	J. Strejček	J. Strejček
Bagous subcarinatus	Moravia	Dolní Věstonice	7165	26.vi.1955	J. Štaif	S. Benedikt	S. Benedikt
Bagous subcarinatus	Moravia	Dolní Věstonice	7165	undated	B. Kouřil	P. Bogusch	NMP
Bagous subcarinatus	Moravia	Pálava PLA, Děvín-Soutěska NNR	7165	03.vi.2000	S. Benedikt	S. Benedikt	S. Benedikt
Bagous subcarinatus	Moravia	Břeclav, Včelínek pond	7166	05.iv.1975	J. Strejček	J. Strejček	J. Strejček
Bagous subcarinatus	Moravia	Břeclav, Včelínek pond	7166	09.vii.1972	J. Strejček	J. Strejček	J. Strejček
Bagous subcarinatus	Moravia	Bulhary, Křivé jezero NNR	7166	11.vii.1991	J. Strejček	J. Strejček	J. Strejček
Bagous subcarinatus	Moravia	Bulhary, Křivé jezero NNR	7166	28.x.2006	J. Krátký	J. Krátký	J. Krátký
Bagous subcarinatus	Moravia	Pavlovské vrchy	7166	undated	B. Kouřil	P. Bogusch	NMP
Bagous subcarinatus	Moravia	Šakvice	7166	25.v.1967	unknown	J. Strejček	J. Strejček
Bagous subcarinatus	Moravia	Dyjákovičky	7262	20.vii.2006	Z. Kraus	S. Benedikt	Z. Kraus
Bagous subcarinatus	Moravia	Hnízdo	7262	22.v.2005	M. Boukal	A. Hamet	A. Hamet
Bagous subcarinatus	Moravia	Hnízdo	7262	02.viii.2004	I. Fenclová	Z. Doležal	Z. Doležal
Bagous subcarinatus	Moravia	Vrbovec	7262	08.vi.2003	A. Reiter	R. Stejskal	R. Stejskal
Bagous subcarinatus	Moravia	Vrbovec	7262	08.vii.2004	A. Reiter	V. Křivan	JMZ
Bagous subcarinatus	Moravia	Vrbovec	7262	18.vii.2005	A. Reiter	R. Stejskal	JMZ
Bagous subcarinatus	Moravia	Vrbovec	7262	21.ix.2004	R. Stejskal	R. Stejskal	R. Stejskal
Bagous subcarinatus	Moravia	Vrbovec	7262	23.vi.2005	D. Čudan	D. Čudan	D. Čudan
Bagous subcarinatus	Moravia	Hrádek	7263	25.viii.2000	J. Hájek	P. Bogusch	NMP
Bagous subcarinatus	Moravia	Jaroslavice	7263	27.vi.2004	R. Stejskal	R. Stejskal	R. Stejskal
Bagous subcarinatus	Moravia	Oleksovičky	7263	09.vii.2008	A. Reiter	R. Stejskal	JMZ
Bagous subcarinatus	Moravia	Hrabětice	7264	08.iv.2004	V. Křivan	V. Křivan	D. Čudan
Bagous subcarinatus	Moravia	Hrabětice	7264	09.iv.2004	R. Stejskal	J. Prchal	R. Stejskal

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Bagous subcarinatus	Moravia	Hrabětice	7264	09.iv.2004	R. Stejskal	R. Stejskal	R. Stejskal
Bagous subcarinatus	Moravia	Hrabětice	7264	13.vii.2005	R. Stejskal	R. Stejskal	R. Stejskal
Bagous subcarinatus	Moravia	Hrabětice	7264	14.vii.2004	A. Reiter	R. Stejskal	JMZ
Bagous subcarinatus	Moravia	Hrabětice	7264	20.vii.2006	V. Křivan	R. Stejskal	V. Křivan
Bagous subcarinatus	Moravia	Hlohovec, Allah pond	7266	10.x.2014	P. Bogusch	P. Bogusch	P. Bogusch
Bagous subcarinatus	Moravia	Lednice	7266	16.iv.1949	P. Lauterer	P. Bogusch	MZMB
Bagous subcarinatus	Moravia	Lednice	7266	27.v.1980	R. Borovec	J. Strejček	R. Borovec
Bagous subcarinatus	Moravia	Lednice	7266	09.x.1991	J. Strejček	J. Strejček	J. Strejček
Bagous subcarinatus	Moravia	Lednice	7266	13.xi.2010	T. Mészáros	T. Mészáros	T. Mészáros
Bagous subcarinatus	Moravia	Lednice	7266	24.iv.2011	T. Mészáros	T. Mészáros	T. Mészáros
Bagous subcarinatus	Moravia	Lednice, Pastvisko NNM	7266	31.v.2015	P. Bogusch	P. Bogusch	P. Bogusch
Bagous subcarinatus	Moravia	Břeclav	7267	04.viii.1968	J. Strejček	J. Strejček	J. Strejček
Bagous subcarinatus	Moravia	Břeclav	7267	14.viii.1953	J. Strejček	J. Strejček	J. Strejček
Bagous subcarinatus	Moravia	Břeclav	7267	14.viii.1963	J. Strejček	J. Strejček	J. Strejček
Bagous subcarinatus	Moravia	Břeclav	7267	09.ix.1972	J. Strejček	J. Strejček	J. Strejček
Bagous subcarinatus	Moravia	Pohansko	7267	05.viii.2012	M. Putz	M. Putz	P. Jansa
Bagous subcarinatus	Moravia	Pohansko	7267	05.viii.2012	M. Putz	M. Putz	M. Putz
Bagous subcarinatus	Moravia	Pohansko	7267	17.vii.2005	R. Udržal	J. Krátký	R. Udržal
Bagous subcarinatus	Moravia	Pohansko	7267	20.ix.2005	R. Škoda	J. Krátký	R. Škoda
Bagous subcarinatus	Moravia	Pohansko	7267	25.vii.2000	J. Krátký	J. Krátký	J. Krátký
Bagous subcarinatus	Moravia	Pohansko	7267	05.viii.2012	J. Krátký	J. Krátký	J. Krátký
Bagous tempestivus	Bohemia	Černousy	5056	08.v.2008	R. Škoda	R. Škoda	R. Škoda
Bagous tempestivus	Bohemia	Chabařovice	5349	09.v.1968	J. Strejček	J. Strejček	J. Strejček
Bagous tempestivus	Bohemia	Ústí nad Labem	5350	09.v.1968	J. Strejček	J. Strejček	NMP
Bagous tempestivus	Bohemia	Radimovice	5356	vi.1968	Ludvík	J. Strejček	J. Strejček
Bagous tempestivus	Bohemia	Doksy	5453	06.iv.1963	Z. Kučera	P. Bogusch	NMP
Bagous tempestivus	Bohemia	Doksy	5453	06.v.1962	Z. Kučera	unknown	NMP
Bagous tempestivus	Bohemia	Komárovský pond	5456	07.v.1905	J. Strejček	J. Strejček	J. Strejček
Bagous tempestivus	Bohemia	Roudnice nad Labem	5551	03.v.1907	J. Roubal	J. Strejček	J. Strejček
Bagous tempestivus	Bohemia	Jabkenice	5656	iv.1974	V. Švihla	J. Strejček	J. Strejček
Bagous tempestivus	Bohemia	Jabkenice	5656	iv.1974	V. Švihla	J. Strejček	J. Strejček

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Bagous tempestivus	Bohemia	Karlovy Vary	5743	21.vi.1904	unknown	P. Bogusch	NMP
Bagous tempestivus	Bohemia	Podbořanský Rohozec	5745	11.vii.1988	J. Strejček	J. Strejček	J. Strejček
Bagous tempestivus	Bohemia	Černuc	5751	28.iii.2015	P. Jansa	P. Jansa	P. Jansa
Bagous tempestivus	Bohemia	Netřeba	5752	30.ix.2014	P. Jansa	P. Jansa	P. Jansa
Bagous tempestivus	Bohemia	Jiřina	5753	13.iii.1910	J. Borek	unknown	NMP
Bagous tempestivus	Bohemia	Jiřina	5753	13.iii.1910	unknown	unknown	NMP
Bagous tempestivus	Bohemia	Jiřina	5753	13.iii.1910	unknown	S. Benedikt	S. Benedikt
Bagous tempestivus	Bohemia	Lobkovice	5753	undated	Zeman	unknown	NMP
Bagous tempestivus	Bohemia	Lobkovice	5753	undated	Zeman	unknown	NMP
Bagous tempestivus	Bohemia	Mlékojedy	5753	10.xi.2014	P. Jansa	P. Jansa	P. Jansa
Bagous tempestivus	Bohemia	Sojovice	5754	04.iv.1909	L. Klička	unknown	NMP
Bagous tempestivus	Bohemia	Sojovice	5754	04.iv.1909	unknown	R. Formánek	NMP
Bagous tempestivus	Bohemia	Hradec Králové, Slezské předměstí	5761	21.xii.1891	unknown	P. Bogusch	NMP
Bagous tempestivus	Bohemia	Františkovy Lázně	5839	03.v.1997	J. Strejček	J. Strejček	J. Strejček
Bagous tempestivus	Bohemia	Františkovy Lázně	5839	v.1962	J. Dezort	J. Strejček	J. Strejček
Bagous tempestivus	Bohemia	Krapice	5839	04.v.1997	J. Strejček	J. Strejček	J. Strejček
Bagous tempestivus	Bohemia	Kladno	5850	14.v.1905	Z. Kučera	unknown	NMP
Bagous tempestivus	Bohemia	Praha-Stromovka	5852	undated	unknown	P. Bogusch	NMP
Bagous tempestivus	Bohemia	Brandýs nad Labem	5853	undated	Zeman	unknown	NMP
Bagous tempestivus	Bohemia	Čelákovice	5854	05.iii.1923	unknown	P. Bogusch	NMP
Bagous tempestivus	Bohemia	Čelákovice	5854	06.iii.1910	L. Heyrovský	unknown	NMP
Bagous tempestivus	Bohemia	Čelákovice	5854	07.ix.1924	B. Štícha	unknown	NMP
Bagous tempestivus	Bohemia	Čelákovice	5854	09.iv.1944	J. Král	unknown	NMP
Bagous tempestivus	Bohemia	Čelákovice	5854	15.iv.1917	F. Rambousek	unknown	NMP
Bagous tempestivus	Bohemia	Čelákovice	5854	15.v.1950	J. Štaif	S. Benedikt	S. Benedikt
Bagous tempestivus	Bohemia	Čelákovice	5854	21.v.1925	B. Štícha	unknown	NMP
Bagous tempestivus	Bohemia	Čelákovice	5854	30.iv.1955	A. Hoffer	S. Benedikt	S. Benedikt
Bagous tempestivus	Bohemia	Čelákovice	5854	31.iii.1929	B. Štícha	C. Purkyně	NMP
Bagous tempestivus	Bohemia	Čelákovice	5854	iv.1908	J. Roubal	J. Roubal	J. Strejček
Bagous tempestivus	Bohemia	Čelákovice	5854	undated	J. Obenberger	P. Bogusch	NMP
Bagous tempestivus	Bohemia	Čelákovice	5854	v.1946	J. Štaif	J. Štaif	S. Benedikt

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Bagous tempestivus	Bohemia	Káraný	5854	iv.1908	J. Roubal	J. Strejček	J. Strejček
Bagous tempestivus	Bohemia	Toušeň	5854	undated	E. Lokay	P. Bogusch	NMP
Bagous tempestivus	Bohemia	Toušeň	5854	undated	E. Lokay	unknown	NMP
Bagous tempestivus	Bohemia	Toušeň	5854	undated	E. Lokay	unknown	NMP
Bagous tempestivus	Bohemia	Voseček	5856	undated	F. Štěrba	unknown	NMP
Bagous tempestivus	Bohemia	Farářství	5860	22.x.2006	J. Krátký	J. Krátký	J. Krátký
Bagous tempestivus	Bohemia	Hradec Králové-Třebeš	5860	23.x.2006	J. Pelikán	S. Benedikt	S. Benedikt
Bagous tempestivus	Bohemia	Hradec Králové-Třebeš	5860	30.iv.2008	J. Pelikán	J. Pelikán	J. Pelikán
Bagous tempestivus	Bohemia	Opatovice nad Labem, sandpit	5860	27.vi.2016	P. Bogusch	P. Bogusch	P. Bogusch
Bagous tempestivus	Bohemia	Třebeš	5860	23.x.2000	J. Pelikán	unknown	R. Škoda
Bagous tempestivus	Bohemia	Želí	5860	1945	O. Smetana	B. Kouřil	NMP
Bagous tempestivus	Bohemia	Želí	5860	18.iii.1945	O. Smetana	B. Kouřil	NMP
Bagous tempestivus	Bohemia	Hradec Králové	5861	1949	O. Smetana	B. Kouřil	NMP
Bagous tempestivus	Bohemia	Hradec Králové	5861	01.v.1956	V. Balthasar	C. Purkyně	MZMB
Bagous tempestivus	Bohemia	Hradec Králové	5861	13.iv.1905	J. Roubal	J. Strejček	J. Strejček
Bagous tempestivus	Bohemia	Hradec Králové	5861	24.x.2007	Třešňák	J. Krátký	J. Gahai
Bagous tempestivus	Bohemia	Hradec Králové	5861	31.iii.1949	O. Smetana	B. Kouřil	NMP
Bagous tempestivus	Bohemia	Hradec Králové	5861	undated	unknown	P. Bogusch	NMP
Bagous tempestivus	Bohemia	Hradec Králové, Na Plachtě NM	5861	06.vi.2014	P. Bogusch	P. Bogusch	P. Bogusch
Bagous tempestivus	Bohemia	Slatina nad Zdobnicí	5864	ix.1944	J. Roubal	J. Strejček	J. Strejček
Bagous tempestivus	Bohemia	Nová Ves	5942	11.iv.2009	J. Strejček	J. Strejček	J. Strejček
Bagous tempestivus	Bohemia	Hostivice	5951	17.xi.1953	J. Roubal	J. Fremuth	MVHK
Bagous tempestivus	Bohemia	Hostivice	5951	18.xi.1953	J. Roubal	J. Strejček	J. Strejček
Bagous tempestivus	Bohemia	Modřany	5952	17.i.2011	P. Veselý	J. Strejček	J. Strejček
Bagous tempestivus	Bohemia	Modřany	5952	22.vi.1939	unknown	unknown	NMP
Bagous tempestivus	Bohemia	Modřany	5952	undated	E. Lokay	P. Bogusch	NMP
Bagous tempestivus	Bohemia	Praha	5952	undated	E. Lokay	P. Bogusch	NMP
Bagous tempestivus	Bohemia	Praha	5952	undated	Rodt	unknown	NMP
Bagous tempestivus	Bohemia	Praha	5952	vi.1973	O. Rydl	P. Bogusch	NMP
Bagous tempestivus	Bohemia	Praha-Libuš	5952	06.iv.2011	J. Strejček	J. Strejček	J. Strejček
Bagous tempestivus	Bohemia	Praha-Libuš	5952	07.x.2007	J. Strejček	J. Strejček	J. Strejček

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Bagous tempestivus	Bohemia	Praha-Libuš	5952	08.xii.2007	J. Strejček	J. Strejček	J. Strejček
Bagous tempestivus	Bohemia	Praha-Libuš	5952	28.xi.2009	J. Strejček	J. Strejček	J. Strejček
Bagous tempestivus	Bohemia	Praha-Milíčov	5952	07.ix.1970	J. Strejček	J. Strejček	J. Strejček
Bagous tempestivus	Bohemia	Praha-Pítkovice	5952	29.iv.1990	J. Strejček	J. Strejček	J. Strejček
Bagous tempestivus	Bohemia	Praha-Vokovice	5952	23.iv.1905	J. Roubal	J. Roubal	J. Strejček
Bagous tempestivus	Bohemia	Praha-Vokovice	5952	undated	J. Roubal	J. Roubal	J. Strejček
Bagous tempestivus	Bohemia	Běchovice	5953	undated	unknown	unknown	NMP
Bagous tempestivus	Bohemia	Praha, Klánovický forest	5953	02.xi.2011	J. Strejček	J. Strejček	J. Strejček
Bagous tempestivus	Bohemia	Praha, Klánovický forest	5953	06.x.2014	J. Strejček	J. Strejček	J. Strejček
Bagous tempestivus	Bohemia	Praha-Dubeč	5953	16.x.1990	J. Strejček	J. Strejček	J. Strejček
Bagous tempestivus	Bohemia	Průhonice	5953	vi.1940	Fibich	P. Bogusch	NMP
Bagous tempestivus	Bohemia	Český Brod	5955	23.vii.1916	F. Rambousek	P. Bogusch	NMP
Bagous tempestivus	Bohemia	Mělice	5959	27.vii.2009	J. Krátký	J. Krátký	J. Krátký
Bagous tempestivus	Bohemia	Brandýs nad Orlicí	5963	undated	Zeman	unknown	NMP
Bagous tempestivus	Bohemia	Blažim	6044	26.vii.2003	Z. Andrš	S. Benedikt	P. Kresl
Bagous tempestivus	Bohemia	Černošice	6051	30.xi.1930	B. Štícha	unknown	NMP
Bagous tempestivus	Bohemia	Radotín	6052	undated	L. Klička	P. Bogusch	NMP
Bagous tempestivus	Bohemia	Radotín	6052	undated	unknown	unknown	NMP
Bagous tempestivus	Bohemia	Radotín	6052	undated	unknown	unknown	NMP
Bagous tempestivus	Bohemia	Radotín	6052	undated	unknown	P. Bogusch	NMP
Bagous tempestivus	Bohemia	Ústí nad Orlicí	6064	vi.1942	O. Marek	J. Strejček	J. Strejček
Bagous tempestivus	Bohemia	Nekmíř	6145	undated	J. Štusák	unknown	NMP
Bagous tempestivus	Bohemia	Nevřeň	6145	undated	J. Štusák	J. Strejček	J. Strejček
Bagous tempestivus	Bohemia	Obora	6146	23.vi.1942	V. Petr	P. Bogusch	NMP
Bagous tempestivus	Bohemia	Davle	6152	1910	Zeman	unknown	NMP
Bagous tempestivus	Bohemia	Davle	6152	04.iv.1950	Zeman	unknown	NMP
Bagous tempestivus	Bohemia	Luka pod Medníkem	6152	25.iv.1941	J. Roubal	J. Strejček	J. Strejček
Bagous tempestivus	Bohemia	Senohraby	6154	17.viii.1960	J. Tichý	L. Behne	MVHK
Bagous tempestivus	Bohemia	Lobzy	6243	27.ix.1998	J. Strejček	J. Strejček	J. Strejček
Bagous tempestivus	Bohemia	Plzeň-Sulkov	6245	vii.1942	V. Petr	P. Bogusch	NMP
Bagous tempestivus	Bohemia	Dýšina	6246	14.viii.1941	J. Suchý	S. Benedikt	S. Benedikt

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Bagous tempestivus	Bohemia	Plzeň	6246	undated	B. Kouřil	P. Bogusch	NMP
Bagous tempestivus	Bohemia	Nejepín	6259	13.vi.2007	J. Fabián	J. Krátký	J. Krátký
Bagous tempestivus	Bohemia	Černotín	6345	16.v.2003	Z. Doležal	Z. Doležal	Z. Doležal
Bagous tempestivus	Bohemia	Lhota u Plzně	6345	08.vii.2004	Z. Doležal	Z. Doležal	Z. Doležal
Bagous tempestivus	Bohemia	Lhota u Plzně	6345	11.vii.2004	Z. Doležal	Z. Doležal	Z. Doležal
Bagous tempestivus	Bohemia	Spálené Poříčí	6347	21.iv.2000	Z. Doležal	Z. Doležal	Z. Doležal
Bagous tempestivus	Bohemia	Spálené Poříčí	6347	27.iv.1991	Z. Doležal	S. Benedikt	S. Benedikt
Bagous tempestivus	Bohemia	Příbram	6350	undated	unknown	unknown	NMP
Bagous tempestivus	Bohemia	Býkovice	6355	22.xi.2010	M. Putz	M. Putz	M. Putz
Bagous tempestivus	Bohemia	Chudenice	6545	15.iv.1908	J. Roubal	J. Strejček	J. Strejček
Bagous tempestivus	Bohemia	Chudenice	6545	16.viii.1924	J. Roubal	J. Strejček	J. Strejček
Bagous tempestivus	Bohemia	Chudenice	6545	iv.1908	J. Roubal	J. Strejček	J. Strejček
Bagous tempestivus	Bohemia	Bernartice	6646	29.vii.2002	P. Kresl	S. Benedikt	P. Kresl
Bagous tempestivus	Bohemia	Těchonice	6647	10.vi.2012	V. Neumannová	S. Benedikt	ZMP
Bagous tempestivus	Bohemia	Velenovy	6647	22.viii.2011	I. Těťál	I. Těťál	ZMP
Bagous tempestivus	Bohemia	Velenovy	6647	24.v.2011	I. Těťál	S. Benedikt	S. Benedikt
Bagous tempestivus	Bohemia	Písek	6650	1906	unknown	unknown	NMP
Bagous tempestivus	Bohemia	Písek	6650	1907	unknown	unknown	NMP
Bagous tempestivus	Bohemia	Písek	6650	05.vi.1907	J. Tyl	unknown	NMP
Bagous tempestivus	Bohemia	Písek	6650	09.iv.1908	J. Tyl	unknown	NMP
Bagous tempestivus	Bohemia	Písek	6650	12.iii.1919	unknown	P. Bogusch	NMP
Bagous tempestivus	Bohemia	Písek	6650	16.iv.1908	unknown	P. Bogusch	NMP
Bagous tempestivus	Bohemia	Písek	6650	19.vi.1908	J. Tyl	unknown	NMP
Bagous tempestivus	Bohemia	Písek	6650	24.iii.1909	J. Tyl	unknown	NMP
Bagous tempestivus	Bohemia	Písek	6650	29.iv.1914	M. Hánovec	P. Bogusch	NMP
Bagous tempestivus	Bohemia	Týn nad Vltavou	6752	undated	J. Kořenský	J. Kořenský	JMCB
Bagous tempestivus	Bohemia	Dráchov	6754	22.iv.1959	V. Karas	V. Karas	JMCB
Bagous tempestivus	Bohemia	Soběslav	6754	24.v.1979	V. Karas	V. Karas	JMCB
Bagous tempestivus	Bohemia	Frahelž	6854	21.v.1961	V. Karas	V. Karas	JMCB
Bagous tempestivus	Bohemia	Horusice	6854	27.iv.2012	T. Mészáros	T. Mészáros	T. Mészáros
Bagous tempestivus	Bohemia	Veselí nad Lužnicí	6854	02.v.2002	V. Karas	V. Karas	JMCB

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Bagous tempestivus	Bohemia	Veselí nad Lužnicí	6854	04.xi.1985	V. Karas	V. Karas	JMCB
Bagous tempestivus	Bohemia	Vlkov nad Lužnicí	6854	24.v.1998	V. Karas	V. Karas	JMCB
Bagous tempestivus	Bohemia	Kunžak	6857	26.iv.1992	P. Špryňař	J. Strejček	P. Špryňař
Bagous tempestivus	Bohemia	Hluboká nad Vltavou	6952	06.vi.1992	V. Karas	V. Karas	JMCB
Bagous tempestivus	Bohemia	Třeboň	6954	v.1973	V. Švihla	J. Strejček	NMP
Bagous tempestivus	Bohemia	Chvalšiny	7151	20.v.2012	T. Mészáros	T. Mészáros	T. Mészáros
Bagous tempestivus	Bohemia	Chvalšiny	7151	30.x.2010	T. Mészáros	T. Mészáros	T. Mészáros
Bagous tempestivus	Bohemia	Jiřice	?	02.v.1908	unknown	unknown	NMP
Bagous tempestivus	Moravia	Ostrava-Poruba	6174	15.v.2000	P. Boža	P. Boža	L. Koloničný
Bagous tempestivus	Moravia	Ostrava-Poruba	6174	20.v.2002	P. Boža	P. Boža	L. Koloničný
Bagous tempestivus	Moravia	Ostrava-Poruba	6174	21.ix.1973	J. Vondřejc	J. Strejček	Univerzita Ostrava
Bagous tempestivus	Moravia	Ostrava	6175	04.vi.1963	P. Nohel	J. Strejček	J. Strejček
Bagous tempestivus	Moravia	Ostrava	6175	undated	J. Vaca	unknown	NMP
Bagous tempestivus	Moravia	Studénka	6274	17.v.1979	J. Vondřejc	J. Strejček	Univerzita Ostrava
Bagous tempestivus	Moravia	Žabeň	6275	12.iii.1956	P. Nohel	J. Strejček	J. Strejček
Bagous tempestivus	Moravia	Žabeň	6275	12.iii.1965	P. Nohel	J. Strejček	J. Strejček
Bagous tempestivus	Moravia	Lašťany	6369	undated	J. Svoboda	unknown	NMP
Bagous tempestivus	Moravia	Bystřice	6378	27.iv.2008	R. Szopa	J. Krátký	R. Szopa
Bagous tempestivus	Moravia	Čelechovice	6468	14.v.1962	J. Klácel	unknown	VMO
Bagous tempestivus	Moravia	Zlín	6771	29.iii.1941	A. Černý	unknown	MJMZ
Bagous tempestivus	Moravia	Brno-Holásky	6865	08.iv.1950	P. Lauterer	P. Bogusch	MZMB
Bagous tempestivus	Moravia	Brno-Holásky	6865	11.iii.1950	P. Lauterer	P. Bogusch	MZMB
Bagous tempestivus	Moravia	Černovice	6865	undated	J. Stejskal	unknown	MZMB
Bagous tempestivus	Moravia	Plenkovice	7062	28.vi.1999	R. Stejskal	R. Stejskal	R. Stejskal
Bagous tempestivus	Moravia	Čejč	7067	undated	J. Bechyně	R. Veselý	NMP
Bagous tempestivus	Moravia	Bzenec	7069	25.x.2010	A. Šíma	A. Šíma	J. Krátký
Bagous tempestivus	Moravia	Uherský Ostroh	7070	1939	A. Matějka	C. Purkyně	NMP
Bagous tempestivus	Moravia	Podmolí	7161	31.v.2011	R. Stejskal	R. Stejskal	R. Stejskal
Bagous tempestivus	Moravia	Novosedly	7164	11.v.2008	J. Strejček	J. Strejček	J. Strejček
Bagous tempestivus	Moravia	Novosedly	7164	21.vi.2012	R. Stejskal	R. Stejskal	R. Stejskal

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Bagous tempestivus	Moravia	Dyjákovičky	7262	27.vi.2005	R. Stejskal	R. Stejskal	R. Stejskal
Bagous tempestivus	Moravia	Lednice	7266	10.iv.1962	unknown	P. Bogusch	NMP
Bagous tempestivus	Moravia	Lednice	7266	14.iii.1974	J. Strejček	J. Strejček	J. Strejček
Bagous tempestivus	Moravia	Lednice	7266	16.iv.1949	P. Lauterer	P. Bogusch	MZMB
Bagous tempestivus	Moravia	Lednice	7266	18.iv.1970	J. Strejček	J. Strejček	J. Strejček
Bagous tempestivus	Moravia	Břeclav	7267	v.1972	J. Borecký	J. Veselý	P. Sláma
Bagous tempestivus	Moravia	Sedlec	?	30.v.1995	K. Hůrka	unknown	NMP
Bagous tempestivus	unknown	Otradovice	?	09.iii.1911	unknown	P. Bogusch	NMP
Bagous tubulus	Bohemia	Černousy	5056	14.x.2007	R. Škoda	R. Škoda	R. Škoda
Bagous tubulus	Bohemia	Černousy	5056	27.iv.2007	R. Škoda	R. Škoda	R. Škoda
Bagous tubulus	Bohemia	Ústí nad Labem	5350	23.v.1969	J. Strejček	J. Strejček	J. Strejček
Bagous tubulus	Bohemia	Doksy	5453	12.iv.1953	Z. Kučera	unknown	NMP
Bagous tubulus	Bohemia	Břehyně	5454	23.vii.1963	J. Strejček	J. Strejček	J. Strejček
Bagous tubulus	Bohemia	Žďár	5456	undated	J. Strejček	J. Strejček	J. Strejček
Bagous tubulus	Bohemia	Ostrov	5643	05.ii.1937	J. Čejka	J. Čejka	P. Kresl
Bagous tubulus	Bohemia	Aš	5739	01.v.1997	J. Strejček	J. Strejček	J. Strejček
Bagous tubulus	Bohemia	Nová Ves	5745	17.vi.2006	S. Benedikt	S. Benedikt	S. Benedikt
Bagous tubulus	Bohemia	Mšec	5749	12.iv.1964	R. Rous	J. Strejček	J. Strejček
Bagous tubulus	Bohemia	Mšec	5749	12.iv.1964	J. Strejček	J. Strejček	J. Strejček
Bagous tubulus	Bohemia	Jiřina	5753	13.iii.1910	J. Pleticha	unknown	NMP
Bagous tubulus	Bohemia	Neratovice	5753	18.iv.1909	unknown	unknown	NMP
Bagous tubulus	Bohemia	Neratovice	5753	19.iv.1909	unknown	unknown	NMP
Bagous tubulus	Bohemia	Neratovice	5753	22.x.1919	unknown	unknown	NMP
Bagous tubulus	Bohemia	Loučeň	5756	undated	L. Ernest	J. Fremuth	MZMB
Bagous tubulus	Bohemia	Dymokury	5757	23.v.1999	R. Škoda	R. Škoda	R. Škoda
Bagous tubulus	Bohemia	Františkovy Lázně	5839	18.iv.1997	J. Strejček	J. Strejček	J. Strejček
Bagous tubulus	Bohemia	Františkovy Lázně	5839	21.iv.1997	J. Strejček	J. Strejček	J. Strejček
Bagous tubulus	Bohemia	Bochov	5844	07.vi.1991	J. Strejček	J. Strejček	J. Strejček
Bagous tubulus	Bohemia	Maniny	5852	undated	L. Klička	unknown	NMP
Bagous tubulus	Bohemia	Praha-Bubny	5852	undated	L. Klička	unknown	NMP
Bagous tubulus	Bohemia	Čelákovice	5854	16.v.1937	K. Kult	unknown	NMP

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Bagous tubulus	Bohemia	Čelákovice	5854	24.v.1951	O. Kuchyně	unknown	NMP
Bagous tubulus	Bohemia	Čelákovice	5854	iii.1965	J. Strejček	J. Strejček	J. Strejček
Bagous tubulus	Bohemia	Čelákovice	5854	undated	L. Klička	unknown	NMP
Bagous tubulus	Bohemia	Čelákovice	5854	undated	O. Kavan	unknown	NMP
Bagous tubulus	Bohemia	Čelákovice	5854	undated	unknown	unknown	NMP
Bagous tubulus	Bohemia	Přerov nad Labem	5854	22.vi.1941	unknown	unknown	NMP
Bagous tubulus	Bohemia	Toušeň	5854	1911	unknown	unknown	NMP
Bagous tubulus	Bohemia	Farářství	5860	22.x.2006	J. Krátký	J. Krátký	J. Krátký
Bagous tubulus	Bohemia	Hradec Králové-Třebeš	5860	30.iv.2008	J. Pelikán	J. Pelikán	J. Pelikán
Bagous tubulus	Bohemia	Pardubice	5860	1914	unknown	unknown	NMP
Bagous tubulus	Bohemia	Vysoká nad Labem	5860	16.vi.1984	M. Košťál	M. Košťál	M. Košťál
Bagous tubulus	Bohemia	Hradec Králové	5861	1949	O. Smetana	B. Kouřil	NMP
Bagous tubulus	Bohemia	Hradec Králové	5861	31.iii.1949	O. Smetana	B. Kouřil	NMP
Bagous tubulus	Bohemia	Hradec Králové, Na Plachtě NM	5861	06.vi.2014	P. Bogusch	P. Bogusch	P. Bogusch
Bagous tubulus	Bohemia	Hradec Králové, Na Plachtě NM	5861	15.iii.2015	P. Jansa	P. Jansa	P. Jansa
Bagous tubulus	Bohemia	Hradec Králové, Na Plachtě NM	5861	15.v.2016	P. Bogusch	P. Bogusch	P. Bogusch
Bagous tubulus	Bohemia	Hradec Králové, Na Plachtě NM	5861	22.vi.1975	J. Fremuth	J. Fremuth	MZMB
Bagous tubulus	Bohemia	Hradec Králové, Na Plachtě NM	5861	27.vii.2010	V. Hron	J. Krátký	V. Hron
Bagous tubulus	Bohemia	Hradec Králové-Kluky	5861	03.x.2007	J. Pelikán	J. Pelikán	J. Pelikán
Bagous tubulus	Bohemia	Kladská	5942	05.vii.1995	J. Strejček	J. Strejček	MCHD
Bagous tubulus	Bohemia	Kladská	5942	24.vii.1993	J. Strejček	J. Strejček	MCHD
Bagous tubulus	Bohemia	Slavkovský les	5942	05.vii.1995	J. Strejček	J. Strejček	J. Strejček
Bagous tubulus	Bohemia	Slavkovský les	5942	09.iv.2010	J. Strejček	J. Strejček	J. Strejček
Bagous tubulus	Bohemia	Slavkovský les	5942	12.iv.2009	J. Strejček	J. Strejček	J. Strejček
Bagous tubulus	Bohemia	Slavkovský les	5942	30.vi.2009	J. Strejček	J. Strejček	J. Strejček
Bagous tubulus	Bohemia	Plzeň-Nový Dvůr	5945	06.viii.1964	J. Brožík	unknown	MZMB
Bagous tubulus	Bohemia	Modřany	5952	undated	E. Lokay	unknown	NMP
Bagous tubulus	Bohemia	Modřany	5952	undated	unknown	E. Lokay	NMP
Bagous tubulus	Bohemia	Praha	5952	undated	unknown	unknown	NMP
Bagous tubulus	Bohemia	Praha	5952	undated	unknown	unknown	NMP
Bagous tubulus	Bohemia	Praha	5952	10.vi.2006	J. Strejček	J. Strejček	J. Strejček

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Bagous tubulus	Bohemia	Praha-Milíčov	5952	22.x.2004	J. Strejček	J. Strejček	J. Strejček
Bagous tubulus	Bohemia	Zlíchov	5952	06.iii.1906	unknown	unknown	NMP
Bagous tubulus	Bohemia	Zlíchov	5952	15.iii.1906	unknown	unknown	NMP
Bagous tubulus	Bohemia	Praha-Dolní Počernice	5953	23.x.2004	J. Strejček	J. Strejček	J. Strejček
Bagous tubulus	Bohemia	Praha-Hostivař	5953	24.v.2007	J. Strejček	J. Strejček	J. Strejček
Bagous tubulus	Bohemia	Potštejn	5963	15.vi.1994	J. Hájek	A. Hamet	NMP
Bagous tubulus	Bohemia	Helvíkovice	5964	09.vi.1993	P. Čížek	P. Čížek	P. Čížek
Bagous tubulus	Bohemia	Helvíkovice	5964	15.i.1993	P. Čížek	P. Čížek	P. Čížek
Bagous tubulus	Bohemia	Helvíkovice	5964	20.v.1993	P. Čížek	P. Čížek	P. Čížek
Bagous tubulus	Bohemia	Helvíkovice	5964	25.vii.1993	P. Čížek	P. Čížek	P. Čížek
Bagous tubulus	Bohemia	Helvíkovice	5964	27.v.1992	P. Čížek	P. Čížek	P. Čížek
Bagous tubulus	Bohemia	Žamberk	5964	09.vi.1993	P. Čížek	P. Čížek	L. Koloničný
Bagous tubulus	Bohemia	Žamberk	5964	15.i.1993	P. Čížek	A. Hamet	A. Hamet
Bagous tubulus	Bohemia	Mariánské Lázně	6042	06.vii.1985	J. Strejček	J. Strejček	J. Strejček
Bagous tubulus	Bohemia	Michalovy Hory	6042	29.vii.1991	J. Strejček	J. Strejček	MCHD
Bagous tubulus	Bohemia	Skláře	6042	12.iv.1992	J. Strejček	J. Strejček	MCHD
Bagous tubulus	Bohemia	Skláře	6042	20.v.2001	J. Strejček	J. Strejček	MCHD
Bagous tubulus	Bohemia	Skláře	6042	26.vi.1999	J. Strejček	J. Strejček	MCHD
Bagous tubulus	Bohemia	Blažim	6044	28.ix.2014	I. Těťál	I. Těťál	ZMP
Bagous tubulus	Bohemia	Praha-Hrnčíře	6053	24.iv.1993	J. Strejček	J. Strejček	J. Strejček
Bagous tubulus	Bohemia	Vestec	6053	23.iv.1993	J. Strejček	J. Strejček	J. Strejček
Bagous tubulus	Bohemia	Planá	6142	18.xi.1984	J. Strejček	J. Strejček	MCHD
Bagous tubulus	Bohemia	Týnec	6142	25.v.2000	J. Strejček	J. Strejček	MCHD
Bagous tubulus	Bohemia	Černošín	6143	10.v.2005	Z. Andrš	Z. Andrš	P. Kresl
Bagous tubulus	Bohemia	Číhaná	6144	13.ix.2014	S. Benedikt	S. Benedikt	S. Benedikt
Bagous tubulus	Bohemia	Nekmíř	6145	04.ix.1952	J. Štusák	unknown	NMP
Bagous tubulus	Bohemia	Nekmíř	6145	undated	J. Štusák	unknown	NMP
Bagous tubulus	Bohemia	Nekmíř	6145	undated	J. Štusák	unknown	NMP
Bagous tubulus	Bohemia	Nekmíř	6145	undated	J. Štusák	unknown	NMP
Bagous tubulus	Bohemia	Nekmíř	6145	undated	J. Štusák	A. Hamet	A. Hamet
Bagous tubulus	Bohemia	Davle	6152	21.iii.1986	Zeman	unknown	NMP

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Bagous tubulus	Bohemia	Jílové u Prahy	6152	09.vi.1940	unknown	unknown	NMP
Bagous tubulus	Bohemia	Nasavrky, Slavická obora	6160	13.vii.2011	T. Kopecký	J. Krátký	T. Kopecký
Bagous tubulus	Bohemia	Stříbro	6244	v.1955	J. Strejček	J. Strejček	J. Strejček
Bagous tubulus	Bohemia	Sytno	6244	21.vii.2004	Z. Doležal	Z. Doležal	Z. Doležal
Bagous tubulus	Bohemia	Sytno	6244	25.vii.2004	Z. Doležal	Z. Doležal	Z. Doležal
Bagous tubulus	Bohemia	Plzeň-Sulkov	6245	10.vii.1993	S. Benedikt	S. Benedikt	S. Benedikt
Bagous tubulus	Bohemia	Plzeň	6246	1965	unknown	B. Kouřil	NMP
Bagous tubulus	Bohemia	Plzeň	6246	15.viii.1953	A. Sobotka	unknown	NMP
Bagous tubulus	Bohemia	Plzeň	6246	undated	B. Kouřil	unknown	NMP
Bagous tubulus	Bohemia	Plzeň	6246	undated	B. Kouřil	unknown	NMP
Bagous tubulus	Bohemia	Plzeň	6246	vii.1954	J. Brožík	unknown	NMP
Bagous tubulus	Bohemia	Plzeň-Bílá Hora	6246	28.ix.1946	A. Sobota	S. Benedikt	NMP
Bagous tubulus	Bohemia	Plzeň-Bolevec	6246	04.x.1966	A. Sobota	S. Benedikt	NMP
Bagous tubulus	Bohemia	Plzeň-Bolevec	6246	07.v.1975	J. Bozděchová	J. Bozděchová	ZMP
Bagous tubulus	Bohemia	Plzeň-Bolevec	6246	09.v.1956	A. Sobota	S. Benedikt	NMP
Bagous tubulus	Bohemia	Plzeň-Bolevec	6246	15.viii.1953	A. Sobota	S. Benedikt	NMP
Bagous tubulus	Bohemia	Plzeň-Bolevec	6246	17.v.1941	J. Suchý	S. Benedikt	S. Benedikt
Bagous tubulus	Bohemia	Plzeň-Bolevec	6246	20.v.1956	A. Sobota	S. Benedikt	NMP
Bagous tubulus	Bohemia	Plzeň-Lochotínské louky	6246	16.viii.2004	Z. Doležal	Z. Doležal	Z. Doležal
Bagous tubulus	Bohemia	Plzeň-Na Vinicích	6246	05.vi.2002	Z. Doležal	Z. Doležal	Z. Doležal
Bagous tubulus	Bohemia	Plzeň-Na Vinicích	6246	14.vi.2002	Z. Doležal	Z. Doležal	Z. Doležal
Bagous tubulus	Bohemia	Plzeň-Valcha	6246	19.vi.1993	S. Benedikt	S. Benedikt	S. Benedikt
Bagous tubulus	Bohemia	Dobříš, Pařezitý pond	6251	02.v.2004	S. Urban	J. Krátký	S. Urban
Bagous tubulus	Bohemia	Nalžovické Podhájí	6252	27.v.2005	R. Škoda	R. Škoda	R. Škoda
Bagous tubulus	Bohemia	Radíč	6252	16.v.2005	A. Trmal	A. Trmal	J. Krátký
Bagous tubulus	Bohemia	Neveklov	6253	07.xii.1979	J. Strejček	J. Strejček	J. Strejček
Bagous tubulus	Bohemia	Vlašim	6255	24.viii.1942	unknown	unknown	NMP
Bagous tubulus	Bohemia	Příbram	6350	undated	B. Kouřil	unknown	NMP
Bagous tubulus	Bohemia	Příbram	6350	undated	J. Šípek	unknown	NMP
Bagous tubulus	Bohemia	Příbram	6350	undated	J. Šípek	B. Kouřil	NMP
Bagous tubulus	Bohemia	Býkovice	6355	04.vi.2010	M. Putz	M. Putz	M. Putz

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Bagous tubulus	Bohemia	Býkovice	6355	22.vii.2007	J. Gahai	J. Krátký	J. Gahai
Bagous tubulus	Bohemia	Býkovice	6355	22.xi.2010	M. Putz	M. Putz	M. Putz
Bagous tubulus	Bohemia	Býkovice	6355	22.xi.2010	M. Putz	P. Jansa	P. Jansa
Bagous tubulus	Bohemia	Býkovice	6355	22.xi.2010	M. Putz	R. Stejskal	J. Brestovanský
Bagous tubulus	Bohemia	Krchleby	6444	17.v.2002	Z. Kejval	S. Benedikt	MCHD
Bagous tubulus	Bohemia	Domažlice	6543	13.v.2000	Z. Kejval	S. Benedikt	MCHD
Bagous tubulus	Bohemia	Nová Ves u Nepomuka	6547	18.vi.1994	S. Benedikt	S. Benedikt	S. Benedikt
Bagous tubulus	Bohemia	Sepekov	6552	01.vi.1909	unknown	unknown	NMP
Bagous tubulus	Bohemia	Rojice	6649	05.vii.2000	S. Benedikt	S. Benedikt	S. Benedikt
Bagous tubulus	Bohemia	Písek	6650	1930	V. Sukdol	S. Benedikt	S. Benedikt
Bagous tubulus	Bohemia	Písek	6650	03.iv.1908	unknown	unknown	NMP
Bagous tubulus	Bohemia	Písek	6650	04.v.1907	Hůvka	unknown	NMP
Bagous tubulus	Bohemia	Písek	6650	07.v.1909	unknown	unknown	NMP
Bagous tubulus	Bohemia	Písek	6650	10.ix.1909	unknown	unknown	NMP
Bagous tubulus	Bohemia	Písek	6650	14.v.1907	Hůvka	unknown	NMP
Bagous tubulus	Bohemia	Písek	6650	17.iv.1922	J. Obenberger	unknown	NMP
Bagous tubulus	Bohemia	Písek	6650	17.iv.1922	unknown	J. Obenberger	NMP
Bagous tubulus	Bohemia	Písek	6650	17.v.1909	unknown	unknown	NMP
Bagous tubulus	Bohemia	Písek	6650	19.vii.1906	F. Rambousek	unknown	NMP
Bagous tubulus	Bohemia	Písek	6650	31.viii.1909	R. Formánek	unknown	NMP
Bagous tubulus	Bohemia	Písek	6650	31.viii.1909	R. Formánek	unknown	NMP
Bagous tubulus	Bohemia	Písek	6650	iii.1924	V. Zoufal	unknown	NMP
Bagous tubulus	Bohemia	Písek	6650	ix.1906	unknown	P. Bogusch	NMP
Bagous tubulus	Bohemia	Písek	6650	undated	J. Tyl	unknown	NMP
Bagous tubulus	Bohemia	Písek	6650	undated	J. Tyl	unknown	NMP
Bagous tubulus	Bohemia	Písek	6650	undated	unknown	unknown	NMP
Bagous tubulus	Bohemia	Písek	6650	undated	unknown	unknown	NMP
Bagous tubulus	Bohemia	Písek	6650	vii.1924	J. Obenberger	unknown	NMP
Bagous tubulus	Bohemia	Vyhnanice	6653	09.vii.1982	J. Strejček	J. Strejček	J. Strejček
Bagous tubulus	Bohemia	Kundratice	6662	21.v.2008	J. Gahai	J. Gahai	J. Gahai
Bagous tubulus	Bohemia	Katovice	6748	31.v.1909	unknown	unknown	NMP

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Bagous tubulus	Bohemia	Protivín	6751	25.iii.2011	T. Mészáros	T. Mészáros	T. Mészáros
Bagous tubulus	Bohemia	Týn nad Vltavou	6752	undated	V. Kořenský	V. Kořenský	JMCB
Bagous tubulus	Bohemia	Soběslav	6754	undated	L. Klička	unknown	NMP
Bagous tubulus	Bohemia	Soběslav	6754	undated	L. Klička	unknown	NMP
Bagous tubulus	Bohemia	Lipovice	6849	undated	Havelka	J. Fremuth	MZMB
Bagous tubulus	Bohemia	Vodňany	6851	02.iv.1949	V. Keil	V. Kořenský	JMCB
Bagous tubulus	Bohemia	Vodňany	6851	04.iv.1949	V. Keil	V. Kořenský	JMCB
Bagous tubulus	Bohemia	Vodňany	6851	15.iv.1949	V. Keil	V. Kořenský	JMCB
Bagous tubulus	Bohemia	Vodňany	6851	21.iv.1949	K. Eil	unknown	NMP
Bagous tubulus	Bohemia	Vodňany	6851	28.v.1954	V. Keil	V. Kořenský	JMCB
Bagous tubulus	Bohemia	Vodňany	6851	29.vii.1949	V. Keil	V. Kořenský	JMCB
Bagous tubulus	Bohemia	Drahov	6854	24.vi.1985	V. Karas	V. Karas	JMCB
Bagous tubulus	Bohemia	Drahov	6854	26.v.1954	V. Karas	V. Karas	JMCB
Bagous tubulus	Bohemia	Drahov	6854	27.vi.1984	V. Karas	V. Karas	JMCB
Bagous tubulus	Bohemia	Drahov	6854	28.vi.1984	V. Karas	V. Karas	JMCB
Bagous tubulus	Bohemia	Frahelž	6854	09.vi.1979	V. Karas	V. Karas	JMCB
Bagous tubulus	Bohemia	Frahelž	6854	13.vii.1968	V. Karas	V. Karas	JMCB
Bagous tubulus	Bohemia	Hamr	6854	05.v.2012	T. Mészáros	T. Mészáros	T. Mészáros
Bagous tubulus	Bohemia	Horusice	6854	20.viii.1971	V. Karas	V. Karas	JMCB
Bagous tubulus	Bohemia	Veselí nad Lužnicí	6854	28.iv.1971	V. Karas	V. Karas	JMCB
Bagous tubulus	Bohemia	Vlkov nad Lužnicí	6854	21.vii.1971	V. Karas	V. Karas	JMCB
Bagous tubulus	Bohemia	Jindřichův Hradec	6856	vii.2002	D. Čudan	D. Čudan	P. Sláma
Bagous tubulus	Bohemia	Jindřichův Hradec	6856	05.vii.2004	D. Čudan	D. Čudan	D. Čudan
Bagous tubulus	Bohemia	Hluboká nad Vltavou	6952	06.vi.1962	V. Karas	V. Karas	JMCB
Bagous tubulus	Bohemia	Lužnice	6954	05.vi.2004	V. Křivan	R. Stejskal	V. Křivan
Bagous tubulus	Bohemia	Lužnice	6954	29.vi.2010	T. Mészáros	T. Mészáros	T. Mészáros
Bagous tubulus	Bohemia	Třeboň	6954	17.iii.2012	T. Mészáros	T. Mészáros	T. Mészáros
Bagous tubulus	Bohemia	Třeboň	6954	undated	J. Tyl	unknown	NMP
Bagous tubulus	Bohemia	Třeboňsko PLA, Lomnice nad Lužnicí, Velký a Malý Tisý NNR	6954	03.vi.1970	J. Strejček	J. Strejček	J. Strejček
Bagous tubulus	Bohemia	Hamr nad Nežárkou	6955	31.v.1958	V. Karas	V. Karas	JMCB

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Bagous tubulus	Bohemia	Staré Město pod Landštejnem	6957	10.v.2006	D. Čudan	D. Čudan	D. Čudan
Bagous tubulus	Bohemia	Dubné	7052	17.x.2012	T. Mészáros	T. Mészáros	T. Mészáros
Bagous tubulus	Bohemia	Křemže	7052	undated	T. Mészáros	T. Mészáros	T. Mészáros
Bagous tubulus	Bohemia	Suchdol nad Lužnicí	7055	26.v.2012	T. Mészáros	T. Mészáros	T. Mészáros
Bagous tubulus	Bohemia	Chvalšiny	7151	30.x.2010	T. Mészáros	T. Mészáros	T. Mészáros
Bagous tubulus	Bohemia	Františkov	7155	24.vi.2005	R. Stejskal	R. Stejskal	R. Stejskal
Bagous tubulus	Moravia	Děhylov	6174	05.vi.1997	L. Koloničný	L. Koloničný	MBFM
Bagous tubulus	Moravia	Děhylov	6175	05.vi.1997	L. Koloničný	L. Koloničný	L. Koloničný
Bagous tubulus	Moravia	Děhylov	6175	13.v.1997	P. Boža	P. Boža	L. Koloničný
Bagous tubulus	Moravia	Děhylov	6175	26.vi.1997	L. Koloničný	L. Koloničný	L. Koloničný
Bagous tubulus	Moravia	Paskov	6275	undated	Graf	J. Obenberger	NMP
Bagous tubulus	Moravia	Paskov	6275	undated	unknown	J. Obenberger	NMP
Bagous tubulus	Moravia	Havířov	6276	15.vi.1996	J. Strejček	J. Strejček	J. Strejček
Bagous tubulus	Moravia	Olomouc	6369	27.v.2014	J. Bednařík	J. Bednařík	J. Bednařík
Bagous tubulus	Moravia	Žďár nad Sázavou	6461	undated	unknown	unknown	RMZS
Bagous tubulus	Moravia	Prostějov	6568	undated	unknown	B. Kouřil	NMP
Bagous tubulus	Moravia	Přerov	6570	15.v.1932	B. Štícha	C. Purkyně	NMP
Bagous tubulus	Moravia	Kundratice	6662	21.v.2008	J. Gahai	P. Jansa	P. Jansa
Bagous tubulus	Moravia	Josefov	6666	26.v.1985	J. Strejček	J. Strejček	MCHD
Bagous tubulus	Moravia	Dědice	6767	07.vii.1943	unknown	unknown	NMP
Bagous tubulus	Moravia	Židlochovice	6965	13.v.1966	J. Dezort	P. Bogusch	MZMB
Bagous tubulus	Moravia	Lančov	7060	31.v.2007	A. Reiter	R. Stejskal	JMZ
Bagous tubulus	Moravia	Olbramkostel	7061	24.vi.2008	A. Reiter	R. Stejskal	JMZ
Bagous tubulus	Moravia	Olbramkostel	7061	25.v.2008	A. Reiter	R. Stejskal	JMZ
Bagous tubulus	Moravia	Nové Mlýny	7065	iv.1970	J. Strejček	J. Strejček	J. Strejček
Bagous tubulus	Moravia	Strachotín	7065	14.v.1986	J. Brestovanský	R. Stejskal	J. Brestovanský
Bagous tubulus	Moravia	Mutěnice	7068	undated	J. Bechyně	unknown	NMP
Bagous tubulus	Moravia	Vranov nad Dyjí	7160	28.vi.2005	V. Křivan	R. Stejskal	V. Křivan
Bagous tubulus	Moravia	Podmolí	7161	24.vi.2007	R. Stejskal	R. Stejskal	R. Stejskal
Bagous tubulus	Moravia	Havraníky	7162	01.v.2006	V. Křivan	R. Stejskal	V. Křivan
Bagous tubulus	Moravia	Havraníky	7162	01.vi.2016	P. Bogusch	P. Bogusch	P. Bogusch

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Bagous tubulus	Moravia	Únanov	7162	08.iv.2004	V. Křivan	R. Stejskal	V. Křivan
Bagous tubulus	Moravia	Dolní Věstonice	7165	vi.1912	Navrátil	P. Bogusch	NMP
Bagous validus	Moravia	Lednice	7266	24.x.2004	R. Škoda	J. Krátký	R. Škoda
Bagous validus	Moravia	unknown	unknown	undated	Nekolný	P. Bogusch	MZMB
Hydronomus alismatis	Bohemia	Litvínov	5347	15.x.1967	J. Strejček	J. Strejček	NMP
Hydronomus alismatis	Bohemia	Chlumec	5349	01.i.1950	J. Strejček	R. Stejskal	MUL
Hydronomus alismatis	Bohemia	Chlumec	5349	01.i.1950	J. Strejček	R. Stejskal	MUL
Hydronomus alismatis	Bohemia	Chlumec	5349	v.1950	J. Strejček	R. Stejskal	J. Stejskal
Hydronomus alismatis	Bohemia	Ústí nad Labem	5350	09.v.1968	J. Strejček	J. Strejček	NMP
Hydronomus alismatis	Bohemia	Liblice	5653	28.iii.1906	Rambousek	R. Formánek	NMP
Hydronomus alismatis	Bohemia	Karlovy Vary	5743	10.viii.1993	J. Mašek	J. Mašek	MVHK
Hydronomus alismatis	Bohemia	Podbořanský Rohozec	5745	07.viii.1988	J. Strejček	J. Strejček	J. Strejček
Hydronomus alismatis	Bohemia	Podbořanský Rohozec	5745	11.vii.1988	J. Strejček	J. Strejček	J. Strejček
Hydronomus alismatis	Bohemia	Mšec	5749	05.vi.1961	Z. Kučera	Z. Kučera	NMP
Hydronomus alismatis	Bohemia	Mšec	5749	09.v.1961	Z. Kučera	Z. Kučera	NMP
Hydronomus alismatis	Bohemia	Lobkovice	5753	19.v.1970	J. Zeman	J. Zeman	NMP
Hydronomus alismatis	Bohemia	Lobkovice	5753	undated	J. Zeman	J. Zeman	NMP
Hydronomus alismatis	Bohemia	Lysá nad Labem	5754	08.vii.1944	J. Skřivan	J. Skřivan	NMP
Hydronomus alismatis	Bohemia	Františkovy Lázně, Soos NNR	5840	14.vii.1988	J. Strejček	J. Strejček	MCHD
Hydronomus alismatis	Bohemia	Karlovy Vary, Údrč	5844	10.viii.1983	J. Mašek	J. Mašek	MVHK
Hydronomus alismatis	Bohemia	Čelákovice	5854	18.iv.1948	R. Veselý	R. Veselý	NMP
Hydronomus alismatis	Bohemia	Lázně Toušeň	5854	1910	J. Obenberger	P. Bogusch	NMP
Hydronomus alismatis	Bohemia	Přerov nad Labem	5854	13.ii.1949	R. Veselý	R. Veselý	NMP
Hydronomus alismatis	Bohemia	Kostomlaty nad Labem	5855	16.vii.1944	B. Štícha	B. Štícha	NMP
Hydronomus alismatis	Bohemia	Kostomlaty nad Labem	5855	16.vii.1944	B. Štícha	B. Štícha	NMP
Hydronomus alismatis	Bohemia	Roudnice	5859	08.ii.1957	Roubal	Dieckmann	NMP
Hydronomus alismatis	Bohemia	Pardubice	5860	1913	R. Veselý	R. Veselý	NMP
Hydronomus alismatis	Bohemia	Pardubice	5860	10.v.1908	R. Veselý	R. Veselý	NMP
Hydronomus alismatis	Bohemia	Hradec Králové	5861	vii.1948	R. Veseý	R. Veseý	NMP
Hydronomus alismatis	Bohemia	Hradec Králové, Datlík pond	5861	05.viii.2010	J. Pelikán	J. Pelikán	J. Pelikán
Hydronomus alismatis	Bohemia	Hradec Králové, Na Plachtě NM	5861	06.vi.2014	P. Bogusch	P. Bogusch	P. Bogusch

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Hydronomus alismatis	Bohemia	Hradec Králové, Na Plachtě NM	5861	08.v.2013	P. Jansa	P. Jansa	P. Jansa
Hydronomus alismatis	Bohemia	Hradec Králové, Na Plachtě NM	5861	20.v.2014	P. Bogusch	P. Bogusch	P. Bogusch
Hydronomus alismatis	Bohemia	Hradec Králové, Na Plachtě NM	5861	26.v.1995	M. Mikát	J. Fremuth	M. Mikát
Hydronomus alismatis	Bohemia	Hradec Králové, Na Plachtě NM	5861	undated	R. Stejskal	R. Stejskal	R. Stejskal
Hydronomus alismatis	Bohemia	Praha	5952	03.vi.1945	Hrbáček	P. Bogusch	NMP
Hydronomus alismatis	Bohemia	Praha	5952	20.viii.1944	Hrbáček	P. Bogusch	NMP
Hydronomus alismatis	Bohemia	Praha	5952	27.v.1945	Hrbáček	P. Bogusch	NMP
Hydronomus alismatis	Bohemia	Praha	5952	30.iii.1924	A. Matějka	A. Matějka	NMP
Hydronomus alismatis	Bohemia	Praha, Klánovický forest	5952	06.vii.1970	J. Strejček	J. Strejček	J. Strejček
Hydronomus alismatis	Bohemia	Klánovice	5954	19.vii.1944	J. Havelka	R. Veselý	NMP
Hydronomus alismatis	Bohemia	Helvíkovice	5964	06.vii.1992	P. Čížek	P. Čížek	P. Čížek
Hydronomus alismatis	Bohemia	Helvíkovice	5964	11.vii.1991	P. Čížek	J. Fremuth	P. Čížek
Hydronomus alismatis	Bohemia	Helvíkovice	5964	19.vi.1993	P. Čížek	P. Čížek	P. Čížek
Hydronomus alismatis	Bohemia	Helvíkovice	5964	25.vii.1993	P. Čížek	P. Čížek	P. Čížek
Hydronomus alismatis	Bohemia	Skláře	6042	26.vi.1999	J. Strejček	J. Strejček	J. Strejček
Hydronomus alismatis	Bohemia	Planá u Mariánských Lázní	6142	25.vii.1983	J. Strejček	J. Strejček	MCHD
Hydronomus alismatis	Bohemia	Planá u Mariánských Lázní	6142	27.vii.1983	J. Strejček	J. Strejček	MCHD
Hydronomus alismatis	Bohemia	Trnová	6145	25.vi.1943	V. Petr	J. Štaif	S. Benedikt
Hydronomus alismatis	Bohemia	Trnová	6145	29.v.1944	J. Suchý	S. Benedikt	S. Benedikt
Hydronomus alismatis	Bohemia	Trnová	6145	29.v.1944	J. Suchý	S. Benedikt	S. Benedikt
Hydronomus alismatis	Bohemia	Zbudovice, Oplatil pond	6158	04.vii.2011	M. Kavka	M. Putz	M. Putz
Hydronomus alismatis	Bohemia	Zbudovice, Prchal pond	6158	28.vi.2012	J. Pelikán	J. Pelikán	J. Pelikán
Hydronomus alismatis	Bohemia	Sulislav	6244	15.vii.2001	S. Benedikt	S. Benedikt	S. Benedikt
Hydronomus alismatis	Bohemia	Sulislav	6244	16.vii.2001	S. Benedikt	S. Benedikt	S. Benedikt
Hydronomus alismatis	Bohemia	Sulislav	6244	13.vii.2001	Z. Doležal	Z. Doležal	Z. Doležal
Hydronomus alismatis	Bohemia	Sulislav	6244	15.vii.2001	Z. Doležal	Z. Doležal	Z. Doležal
Hydronomus alismatis	Bohemia	Sytno	6244	25.vii.2004	Z. Doležal	Z. Doležal	Z. Doležal
Hydronomus alismatis	Bohemia	Úlice	6244	15.vii.2001	S. Benedikt	S. Benedikt	S. Benedikt
Hydronomus alismatis	Bohemia	Úlice	6244	15.vii.2001	S. Benedikt	S. Benedikt	S. Benedikt
Hydronomus alismatis	Bohemia	Plzeň	6245	12.viii.1962	A. Sobota	A. Sobota	S. Benedikt
Hydronomus alismatis	Bohemia	Nevřeň u Plzně	6246	undated	J. Štusák	B. Kouřil	NMP

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Hydronomus alismatis	Bohemia	Plzeň	6246	04.vii.1999	S. Benedikt	S. Benedikt	S. Benedikt
Hydronomus alismatis	Bohemia	Plzeň	6246	10.viii.1953	A. Sobota	A. Sobota	S. Benedikt
Hydronomus alismatis	Bohemia	Plzeň	6246	15.vii.1940	J. Suchý	S. Benedikt	S. Benedikt
Hydronomus alismatis	Bohemia	Plzeň	6246	15.vii.1940	J. Suchý	S. Benedikt	S. Benedikt
Hydronomus alismatis	Bohemia	Plzeň	6246	25.vi.1943	V. Petr	P. Bogusch	NMP
Hydronomus alismatis	Bohemia	Plzeň, balcony of a house in center	6246	17.vii.2013	I. Těťál	I. Těťál	ZMP
Hydronomus alismatis	Bohemia	Plzeň, Nekmíř-Sipovice	6246	undated	J. Štusák	B. Kouřil	NMP
Hydronomus alismatis	Bohemia	Plzeň-Bolevec	6246	04.vii.1999	S. Benedikt	S. Benedikt	S. Benedikt
Hydronomus alismatis	Bohemia	Dubec	6342	03.v.2001	Z. Kejval	S. Benedikt	MCHD
Hydronomus alismatis	Bohemia	Šťáhlavice, Neslívský pond	6347	16.vi.2003	Z. Doležal	Z. Doležal	Z. Doležal
Hydronomus alismatis	Bohemia	Štáhlavy	6347	20.vi.2000	S. Benedikt	S. Benedikt	S. Benedikt
Hydronomus alismatis	Bohemia	Šťáhlavy	6347	20.vi.2000	S. Benedikt	S. Benedikt	S. Benedikt
Hydronomus alismatis	Bohemia	Brdy PLA, Dolejší Padrťský pond	6348	11.vii.1995	J. Strejček	J. Strejček	J. Strejček
Hydronomus alismatis	Bohemia	Příbram	6349	1941	Šípek	J. Strejček	NMP
Hydronomus alismatis	Bohemia	Příbram	6349	undated	Šípek	Šípek	NMP
Hydronomus alismatis	Bohemia	Býkovice	6355	05.vii.2006	J. Gahai	J. Krátký	J. Gahai
Hydronomus alismatis	Bohemia	Lužany	6445	03.vii.1994	S. Benedikt	S. Benedikt	MCHD
Hydronomus alismatis	Bohemia	Lužany	6445	03.vii.1994	S. Benedikt	S. Benedikt	S. Benedikt
Hydronomus alismatis	Bohemia	Lužany u Přeštic	6445	21.vii.1990	unknown	Z. Doležal	Z. Doležal
Hydronomus alismatis	Bohemia	Bratřejov	6452	11.vi.2000	S. Urban	M. Putz	M. Putz
Hydronomus alismatis	Bohemia	Příbram, Bratřejov	6452	05.vii.2004	Urban	D. Čudan	D. Čudan
Hydronomus alismatis	Bohemia	Domažlice	6543	undated	Z. Kejval	S. Benedikt	MCHD
Hydronomus alismatis	Bohemia	Všepadly, pond	6544	22.iv.2000	Z. Kejval	S. Benedikt	MCHD
Hydronomus alismatis	Bohemia	Tchořovice	6548	06.vii.1950	A. Sobota	A. Sobota	S. Benedikt
Hydronomus alismatis	Bohemia	Tchořovice	6548	07.vii.1950	A. Sobota	A. Sobota	S. Benedikt
Hydronomus alismatis	Bohemia	Tchořovice	6548	28.viii.1960	A. Sobota	A. Sobota	S. Benedikt
Hydronomus alismatis	Bohemia	Zvíkovské podhradí	6551	21.ii.1979	J. Strejček	J. Strejček	J. Strejček
Hydronomus alismatis	Bohemia	Pacov	6556	04.viii.1913	J. Roubal	R. Veselý	NMP
Hydronomus alismatis	Bohemia	Pacov	6556	20.iv.1913	J. Roubal	B. Kouřil	NMP
Hydronomus alismatis	Bohemia	Písek	6650	1924	B. Štícha	B. Štícha	NMP
Hydronomus alismatis	Bohemia	Písek	6650	1924	J. Zeman	J. Strejček	NMP

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Hydronomus alismatis	Bohemia	Písek	6650	1930	V. Sukdol	S. Benedikt	S. Benedikt
Hydronomus alismatis	Bohemia	Písek	6650	03.iv.1908	J. Tyl	J. Tyl	NMP
Hydronomus alismatis	Bohemia	Písek	6650	12.vii.1917	C. Purkyně	C. Purkyně	NMP
Hydronomus alismatis	Bohemia	Písek	6650	12.vii.1917	J. Tyl	unknown	JMCB
Hydronomus alismatis	Bohemia	Písek	6650	12.vii.1917	J. Tyl	unknown	JMCB
Hydronomus alismatis	Bohemia	Písek	6650	12.viii.1917	J. Tyl	J. Tyl	NMP
Hydronomus alismatis	Bohemia	Písek	6650	13.iv.1905	V. Sukdol	S. Benedikt	S. Benedikt
Hydronomus alismatis	Bohemia	Písek	6650	20.vii.1908	J. Tyl	J. Tyl	NMP
Hydronomus alismatis	Bohemia	Písek	6650	21.i.1911	J. Tyl	J. Tyl	NMP
Hydronomus alismatis	Bohemia	Písek	6650	undated	J. Tyl	J. Tyl	NMP
Hydronomus alismatis	Bohemia	Bechyně, Vyhnanice	6653	09.vii.1982	J. Strejček	J. Strejček	J. Strejček
Hydronomus alismatis	Bohemia	Jihlava, Zbilichy	6659	12.vi.1973	J. Strejček	J. Strejček	J. Strejček
Hydronomus alismatis	Bohemia	Sviny	6853	undated	Hrbáček	P. Bogusch	NMP
Hydronomus alismatis	Bohemia	Drahov	6854	11.vi.1986	V. Karas	V. Karas	JMCB
Hydronomus alismatis	Bohemia	Drahov	6854	16.v.1985	V. Karas	V. Karas	JMCB
Hydronomus alismatis	Bohemia	Drahov	6854	22.vi.1985	V. Karas	V. Karas	JMCB
Hydronomus alismatis	Bohemia	Drahov	6854	26.v.1954	V. Karas	V. Karas	JMCB
Hydronomus alismatis	Bohemia	Drahov	6854	26.vi.1986	V. Karas	V. Karas	JMCB
Hydronomus alismatis	Bohemia	Frahelž	6854	09.vi.1979	V. Karas	V. Karas	JMCB
Hydronomus alismatis	Bohemia	Hamr	6854	28.x.2005	S. Benedikt	S. Benedikt	S. Benedikt
Hydronomus alismatis	Bohemia	Hamr	6854	28.x.2005	S. Benedikt	S. Benedikt	S. Benedikt
Hydronomus alismatis	Bohemia	Veselí nad Lužnicí	6854	22.viii.1965	V. Karas	V. Karas	JMCB
Hydronomus alismatis	Bohemia	Veselí nad Lužnicí	6854	undated	Hrbáček	P. Bogusch	NMP
Hydronomus alismatis	Bohemia	Vlkov nad Lužnicí	6854	05.v.1968	V. Karas	V. Karas	JMCB
Hydronomus alismatis	Bohemia	Vlkov nad Lužnicí	6854	07.vi.1979	V. Karas	V. Karas	JMCB
Hydronomus alismatis	Bohemia	Jindřichův Hradec	6856	07.viii.1948	J. Skřivan	J. Skřivan	NMP
Hydronomus alismatis	Bohemia	Jindřichův Hradec	6856	28.vii.1950	B. Štícha	J. Fremuth	D. Čudan
Hydronomus alismatis	Bohemia	Jindřichův Hradec	6856	28.vii.1950	B. Štícha	B. Štícha	NMP
Hydronomus alismatis	Bohemia	Husinec	6949	ix.1943	Hejný	Hejný	JMCB
Hydronomus alismatis	Bohemia	Husinec	6949	ix.1943	Hejný	Hejný	JMCB
Hydronomus alismatis	Bohemia	Husinec	6949	ix.1943	Hejný	unknown	JMCB

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Hydronomus alismatis	Bohemia	Hluboká nad Vltavou	6952	30.vii.1991	V. Karas	V. Karas	JMCB
Hydronomus alismatis	Bohemia	Jindřichův Hradec, Lužnice	6954	05.vii.2004	D. Čudan	D. Čudan	D. Čudan
Hydronomus alismatis	Bohemia	Lužnice	6954	29.vi.2010	T. Mészáros	T. Mészáros	T. Mészáros
Hydronomus alismatis	Bohemia	Třeboň	6954	10.vii.2012	T. Mészáros	T. Mészáros	T. Mészáros
Hydronomus alismatis	Bohemia	Třeboňsko PLA, Lomnice nad Lužnicí, Velký a Malý Tisý NNR	6954	01.vi.1990	S. Benedikt	S. Benedikt	MCHD
Hydronomus alismatis	Bohemia	Třeboňsko PLA, Lomnice nad Lužnicí, Velký a Malý Tisý NNR	6954	15.viii.1989	Z. Doležal	Z. Doležal	Z. Doležal
Hydronomus alismatis	Bohemia	Hamr nad Nežárkou	6955	31.v.1958	V. Karas	V. Karas	JMCB
Hydronomus alismatis	Bohemia	Stříbřec	6955	17.ix.1989	P. Kresl	R. Borovec, P. Kresl	P. Kresl
Hydronomus alismatis	Bohemia	České Budějovice	7052	12.vii.2011	T. Mészáros	T. Mészáros	T. Mészáros
Hydronomus alismatis	Bohemia	České Budějovice	7052	21.v.1944	V. J. Štěpán	V. Karas	JMCB
Hydronomus alismatis	Bohemia	České Budějovice	7052	21.v.1944	V. J. Štěpán	V. Karas	JMCB
Hydronomus alismatis	Bohemia	České Budějovice	7052	29.v.1996	Snížek	D. Čudan	D. Čudan
Hydronomus alismatis	Bohemia	Kojákovice	7054	24.x.2010	T. Mészáros	T. Mészáros	T. Mészáros
Hydronomus alismatis	Bohemia	Majdalena	7055	28.v.1977	V. Karas	V. Karas	JMCB
Hydronomus alismatis	Bohemia	Český Krumlov	7151	undated	Devorecký	Devorecký	JMCB
Hydronomus alismatis	Bohemia	Český Krumlov	7151	undated	Devorecký	unknown	JMCB
Hydronomus alismatis	Bohemia	Chvalšiny	7151	15.vii.2011	T. Mészáros	T. Mészáros	T. Mészáros
Hydronomus alismatis	Bohemia	Šalmanovice	7154	04.viii.2001	J. Pelikán	unknown	R. Škoda
Hydronomus alismatis	Bohemia	Šalmanovice, Xerr pond	7154	04.viii.2001	J. Pelikán	R. Škoda	R. Škoda
Hydronomus alismatis	Moravia	Uhlířov	6173	09.v.1937	J. Palásek	J. Palásek	VMO
Hydronomus alismatis	Moravia	Děhylov	6175	01.viii.1996	L. Koloničný	S. Benedikt	S. Benedikt
Hydronomus alismatis	Moravia	Děhylov	6175	01.viii.1996	L. Koloničný	S. Benedikt	S. Benedikt
Hydronomus alismatis	Moravia	Žaběň	6275	29.viii.1973	P. Nohel	J. Strejček	J. Strejček
Hydronomus alismatis	Moravia	Mrsklesy	6370	01.vii.2012	F. Trnka	F. Trnka	F. Trnka
Hydronomus alismatis	Moravia	Mrsklesy	6370	20.vii.2012	F. Trnka	F. Trnka	F. Trnka
Hydronomus alismatis	Moravia	Černovice	6564	undated	R. Formánek	S. Benedikt	J. Stejskal
Hydronomus alismatis	Moravia	Bobrava valley	6763	undated	unknown	unknown	MZMB
Hydronomus alismatis	Moravia	Brno	6865	undated	J. Stejskal	J. Stejskal	J. Stejskal
Hydronomus alismatis	Moravia	Střelice	6865	undated	A. Leischer	A. Leischer	NMP

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Hydronomus alismatis	Moravia	Čejč u Hodonína	7067	01.v.1943	unknown	J. Fremuth	MZMB
Hydronomus alismatis	Moravia	Čejč u Hodonína	7067	09.vii.1927	J. Bechyně	R. Veselý	NMP
Hydronomus alismatis	Moravia	Mutěnice	7068	08.vi.1935	J. Bechyně	J. Bechyně	NMP
Hydronomus alismatis	Moravia	Bzenec	7069	22.vii.1976	V. Sláma	R. Veselý	P. Sláma
Hydronomus alismatis	Moravia	Uherský Ostroh	7070	1939	Matějka	unknown	NMP
Hydronomus alismatis	Moravia	Podyjí NP, Jejkal pond	7160	09.vi.2004	V. Křivan	V. Křivan	V. Křivan
Hydronomus alismatis	Moravia	Vranov nad Dyjí, Jejkal pond	7160	09.vi.2004	V. Křivan	V. Křivan	V. Křivan
Hydronomus alismatis	Moravia	Dyje	7162	09.viii.1944	J. Strejček	J. Strejček	J. Strejček
Hydronomus alismatis	Moravia	Znojmo	7162	01.i.1930	R. Stejskal	R. Stejskal	JMZ
Hydronomus alismatis	Moravia	Znojmo	7162	01.i.1930	unknown	R. Stejskal	JMZ
Hydronomus alismatis	Moravia	Znojmo	7162	01.i.1930	S. Benedikt	S. Benedikt	JMZ
Hydronomus alismatis	Moravia	Znojmo	7162	01.i.1931	unknown	R. Stejskal	JMZ
Hydronomus alismatis	Moravia	Lednice, Pastvisko NNM	7266	31.v.2015	P. Bogusch	P. Bogusch	P. Bogusch