

Fauna obratlovců ČR a SR

Mammalia - Savci

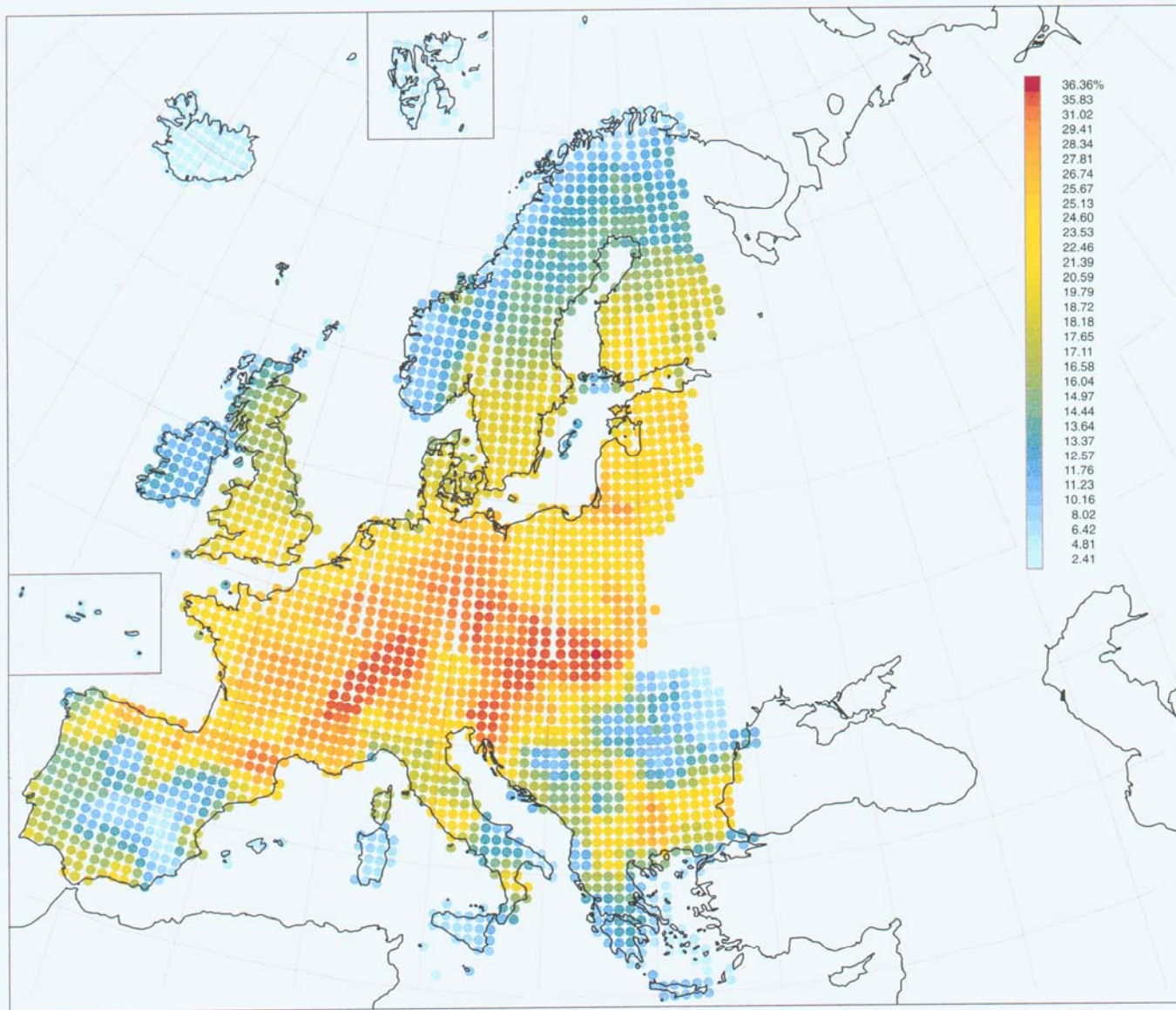
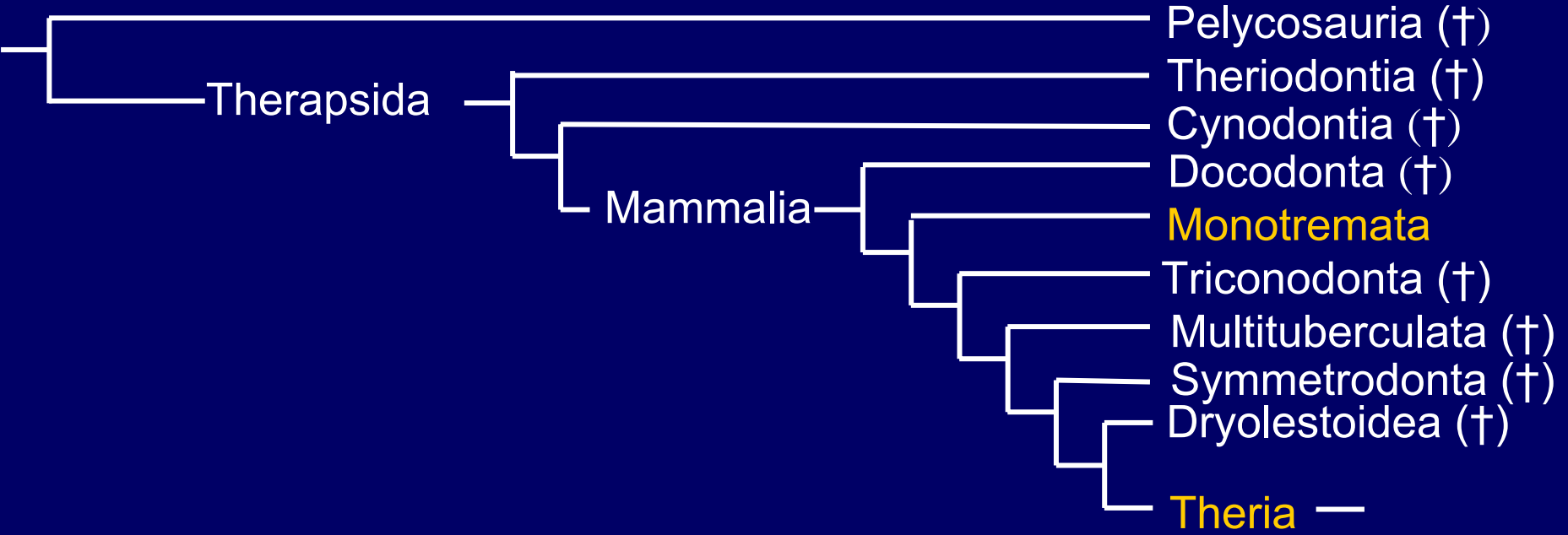
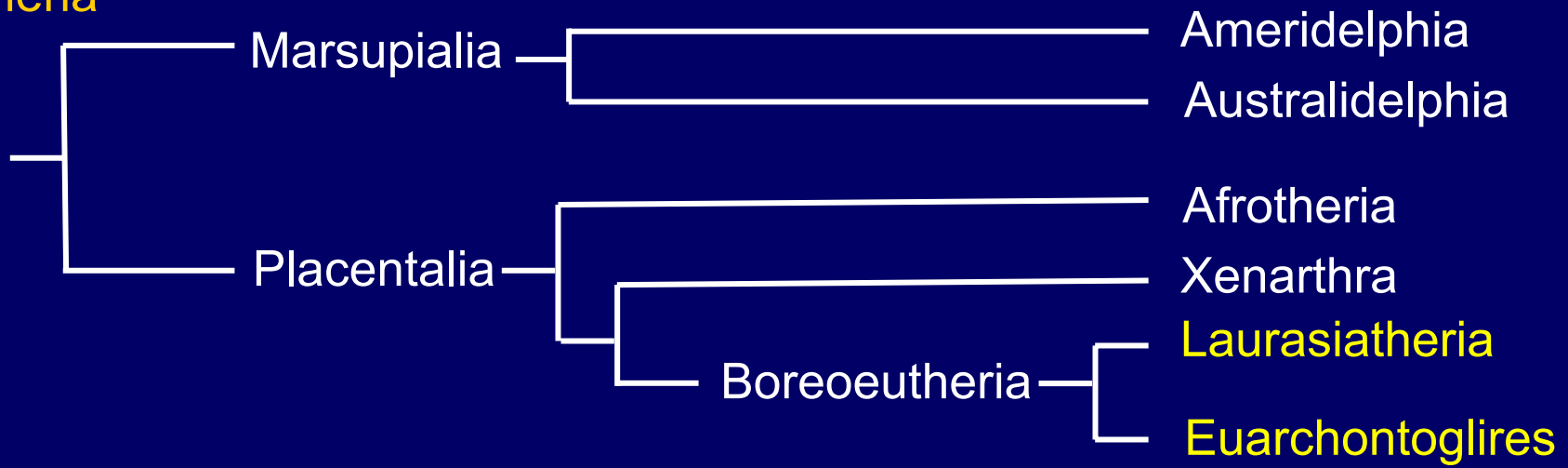


Figure 1 Species richness of mammals across Europe. This illustrative map was prepared using Worldmap software and shows species richness (number of species per grid square) with one level of smoothing. The entire atlas dataset has been used, including introduced species. There are some differences between the *Atlas Flora Europaea* UTM grid used by this software and the one used in the Atlas, particularly around the south-eastern borders of Europe and also in the treatment of some island groups.

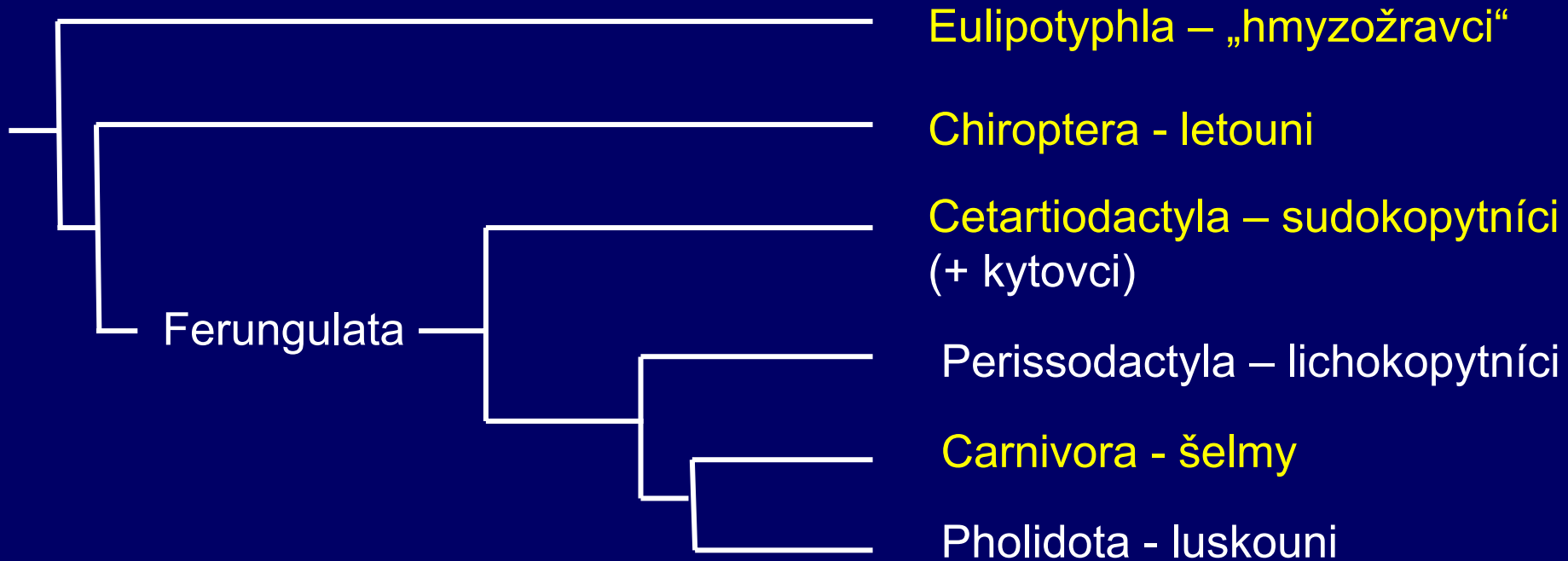
Synapsida



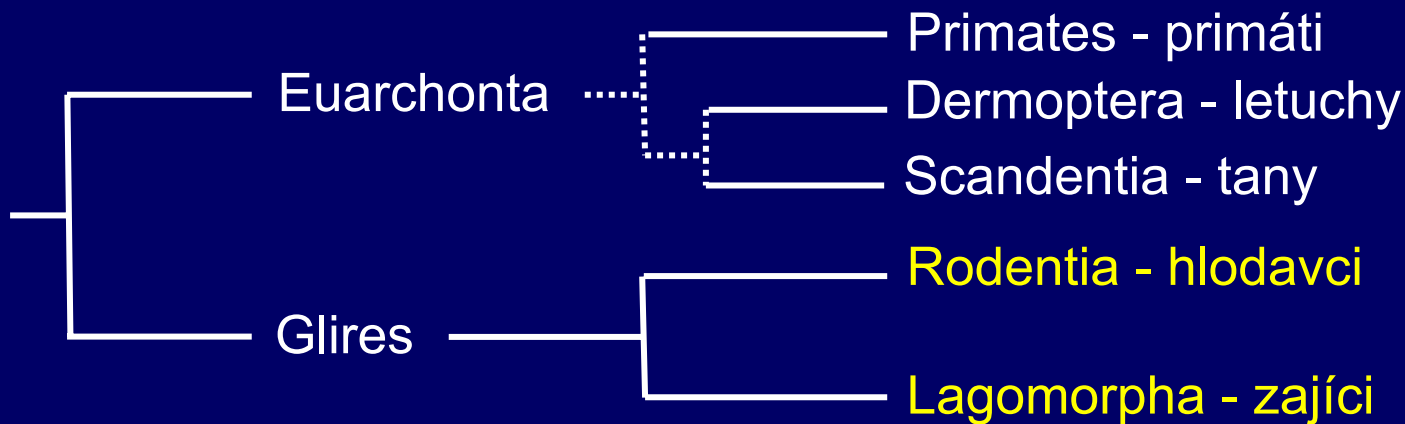
Theria



Laurasiatheria



Euarchontoglires



Eulipotyphla – „hmyzožravci“

Erinaceidae - ježkovití

Erinaceus europaeus Linnaeus, 1758 - ježek západní

Erinaceus concolor Martin, 1837 - ježek východní

Soricidae - rejskovití

Sorex araneus Linnaeus, 1758 - rejsek obecný

Sorex minutus Linnaeus, 1766 - rejsek malý

Sorex alpinus Schinz, 1837 - rejsek horský

Neomys fodiens (Pennat, 1777) - rejsec vodní

Neomys anomalus Cabrera, 1907 - rejsec černý

Crocidura suaveolens (Pallas, 1811) - bělozubka šedá

Crocidura leucodon (Hermann, 1780) - bělozubka bělobřichá

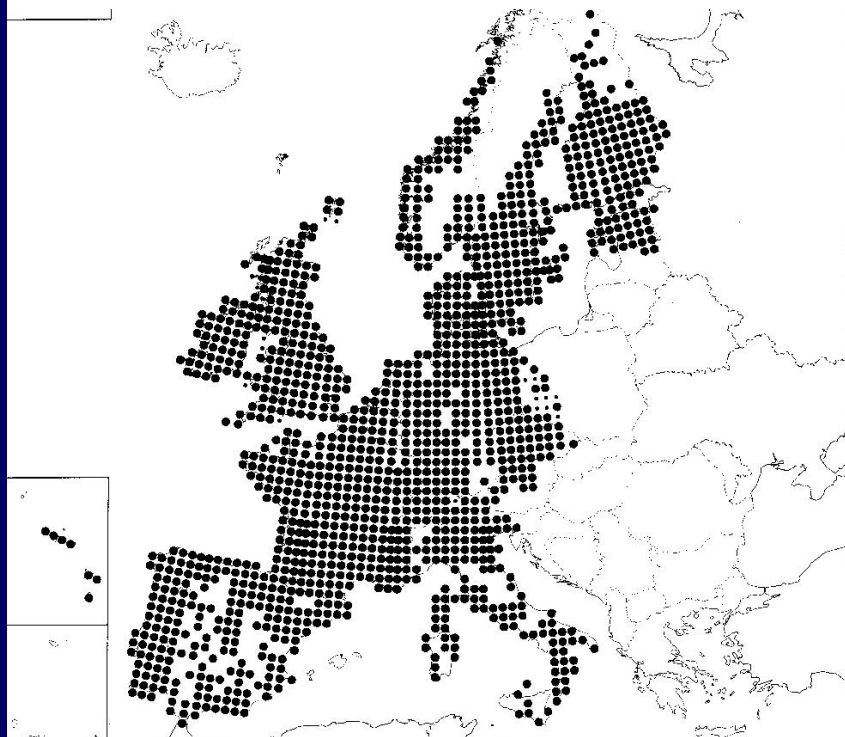
Crocidura russula (Hermann, 1780) - bělozubka tmavá

Talpidae - krtkovití

Talpa europaea Linnaeus, 1758 - krtek obecný

Erinaceus europaeus Linnaeus, 1758

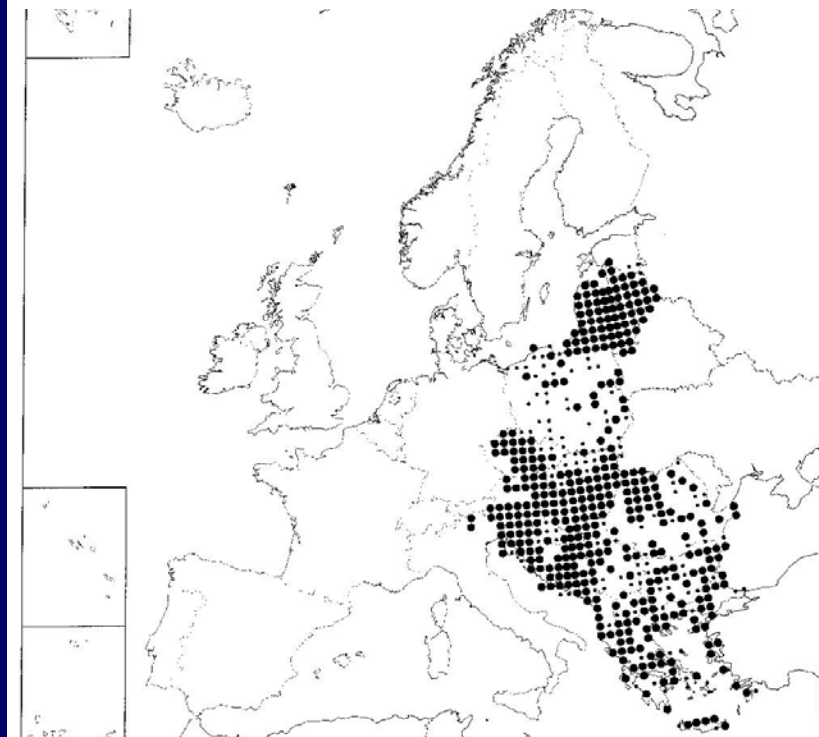
- ježek západní



Erinaceus europaeus

Erinaceus concolor Martin, 1837

- ježek východní



© Miloš Anděra

65%



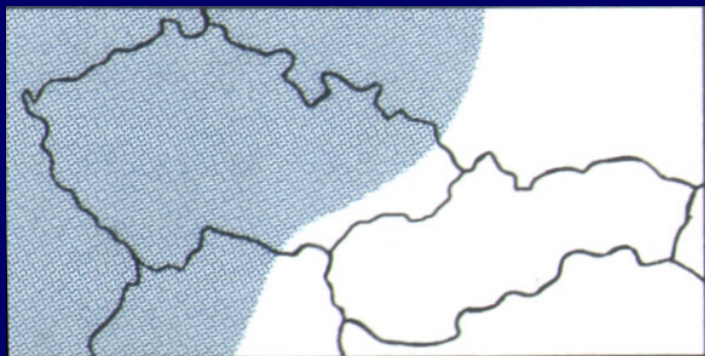
© - josef hlasek
www.hlasek.com
Erinaceus europaeus 4043

37%



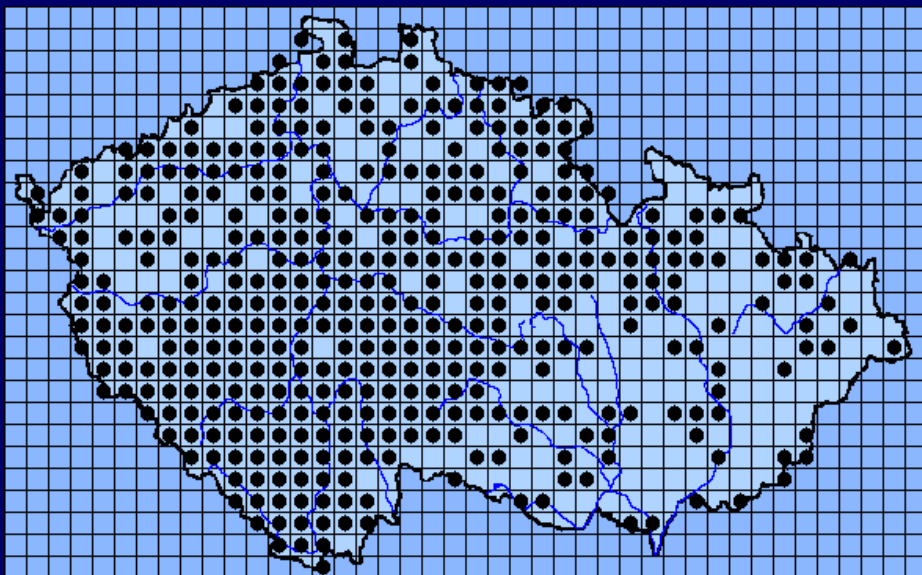
Erinaceus europaeus

- ježek západní

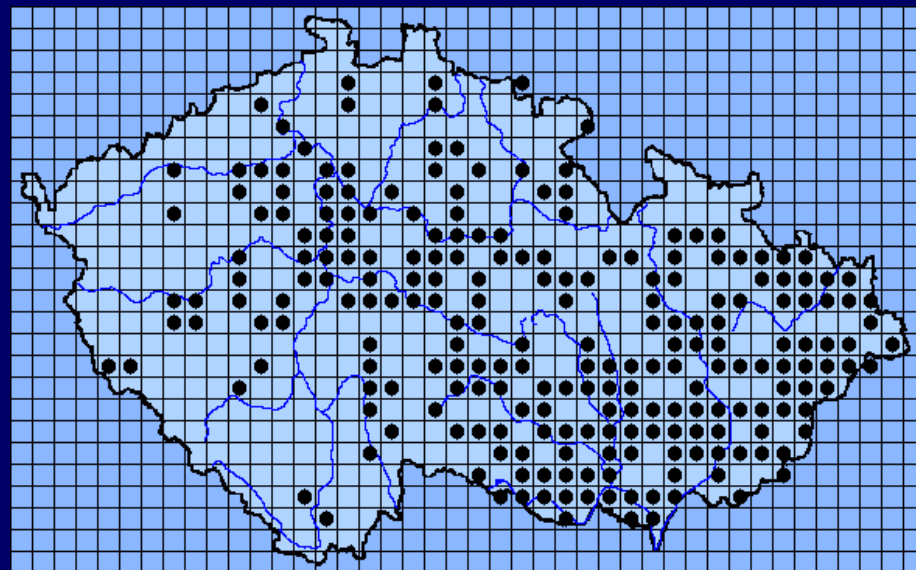


Erinaceus concolor

- ježek východní

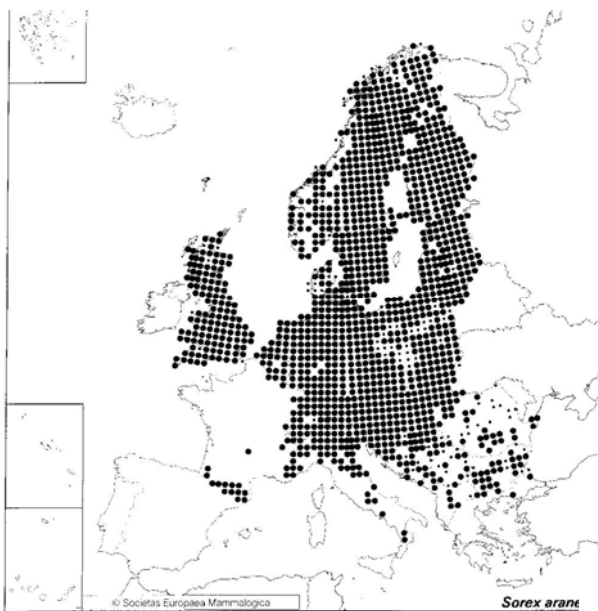


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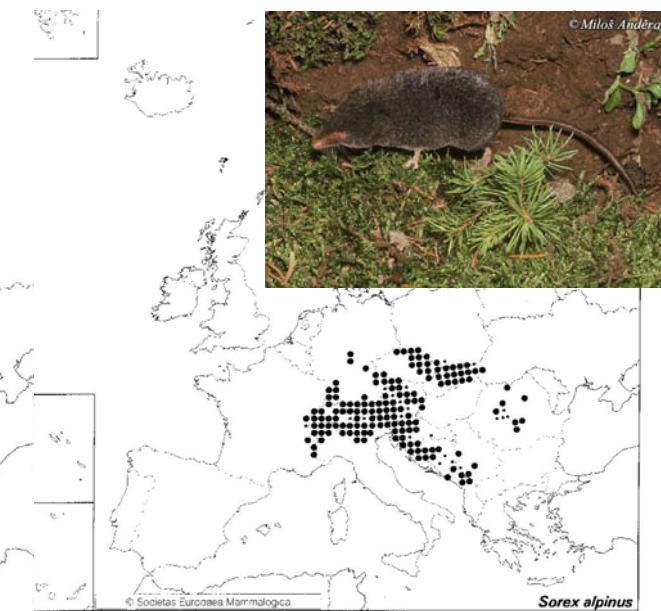


-, -, -

Sorex araneus Linnaeus, 1758
- rejsek obecný



Sorex alpinus Schinz, 1837
- rejsek horský



Sorex minutus Linnaeus, 1766
- rejsek malý

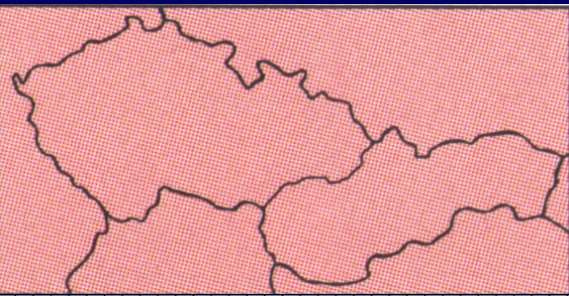


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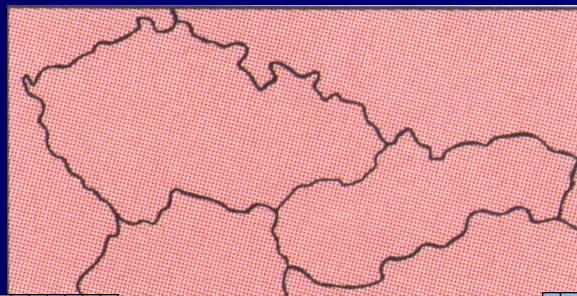
-, -, -

VU, -, SO

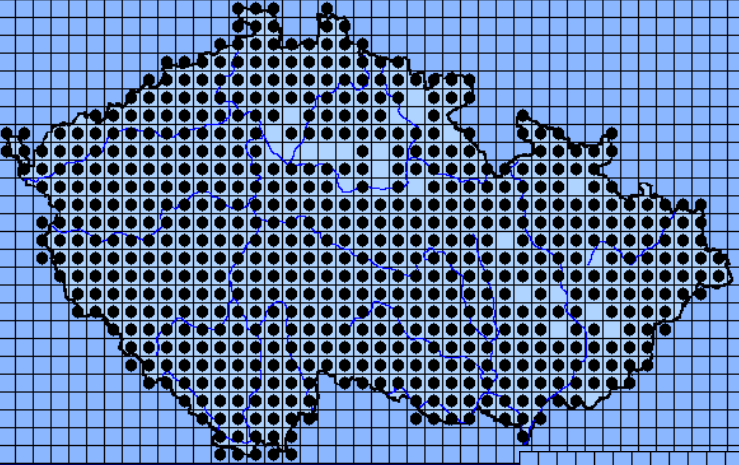
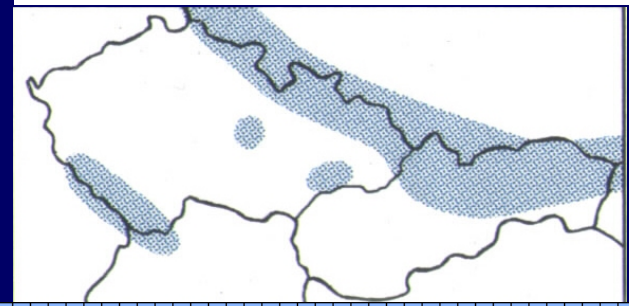
Sorex araneus
- rejsek obecný



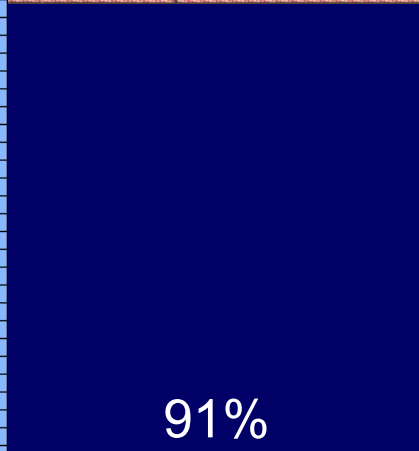
Sorex minutus
- rejsek malý



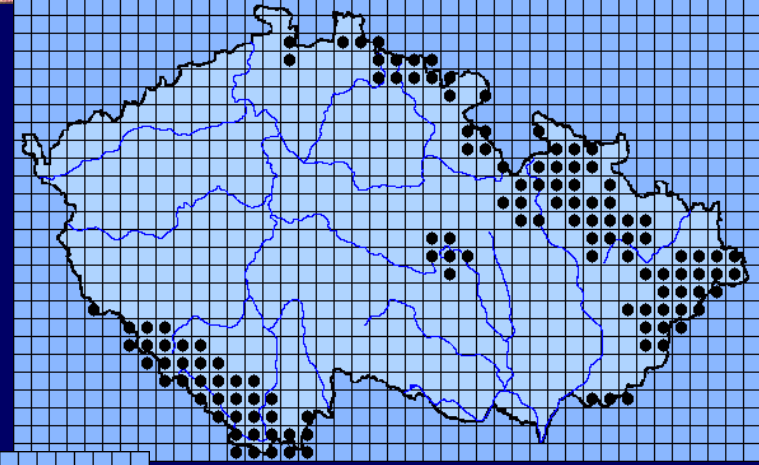
Sorex alpinus
- rejsek horský



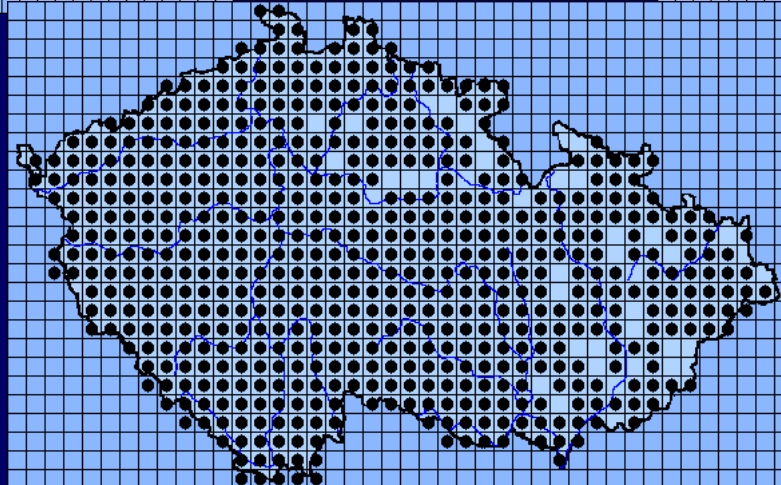
99%



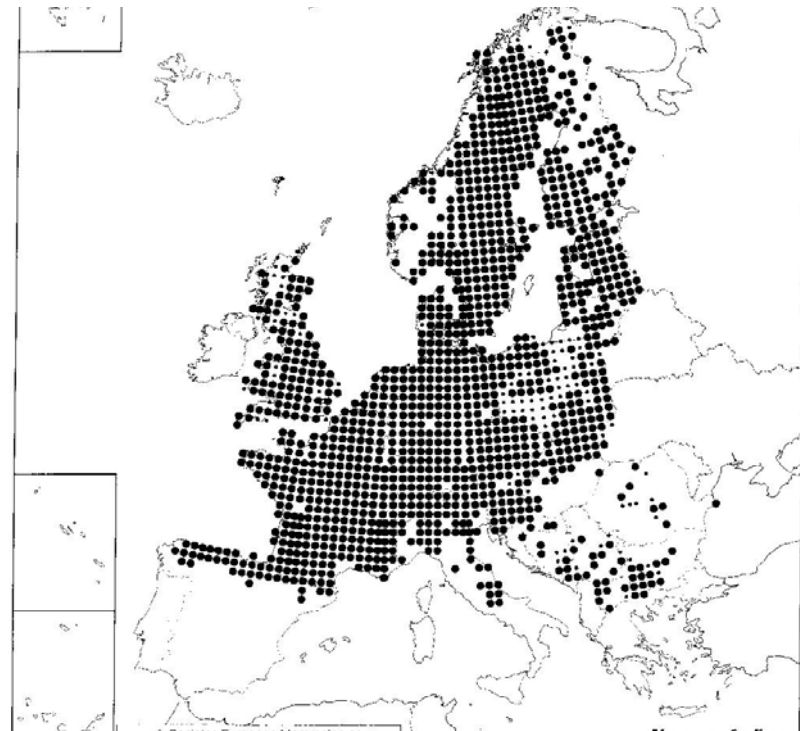
91%



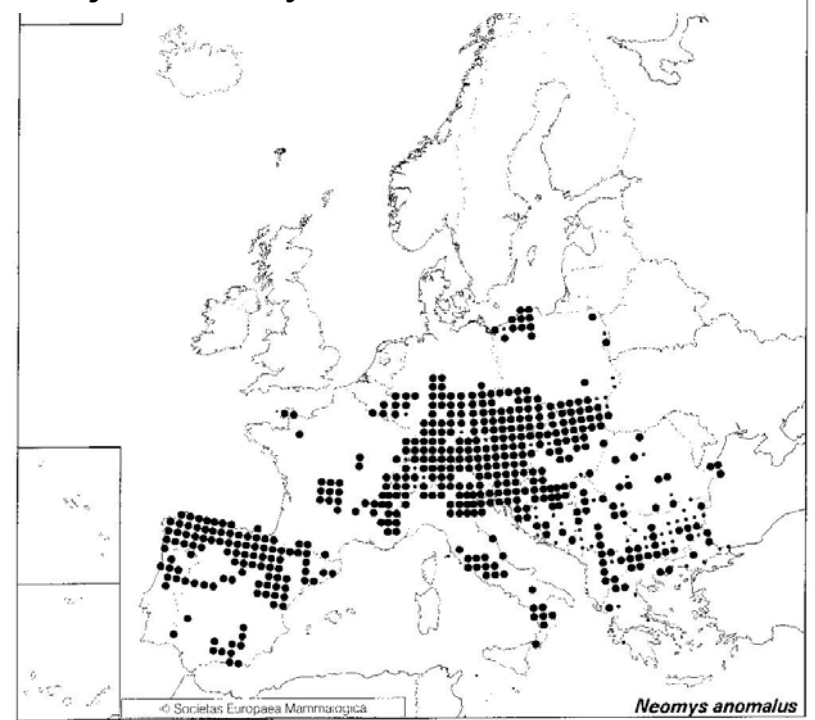
21%



Neomys fodiens (Pennat, 17771)
- rejsec vodní



Neomys anomalus Cabrera, 1907
- rejsec černý



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Neomys fodiens e8083

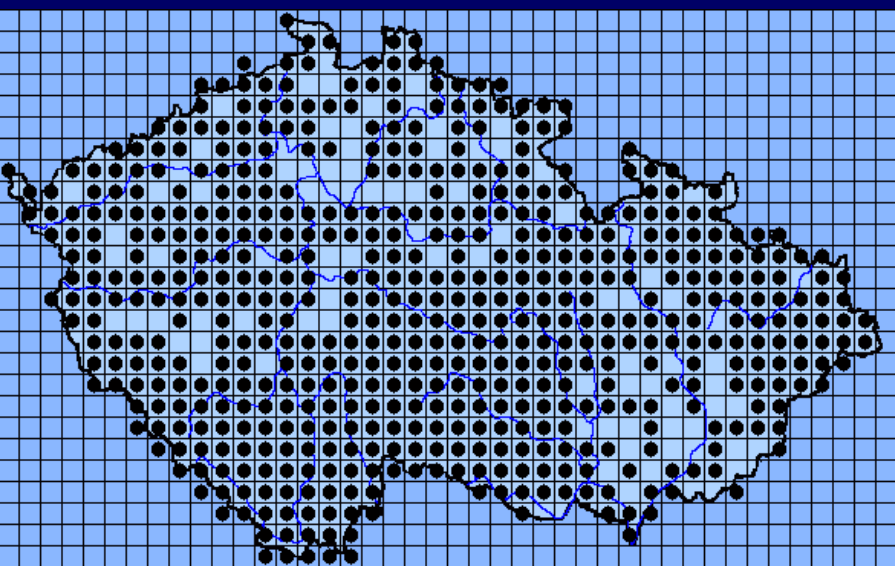
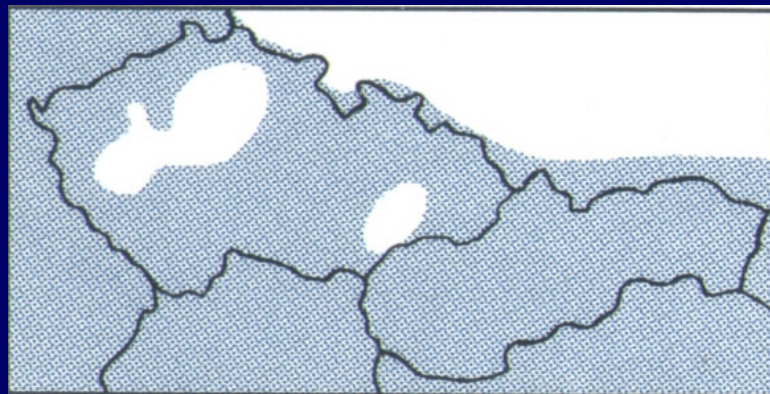


© Miloš Anděra

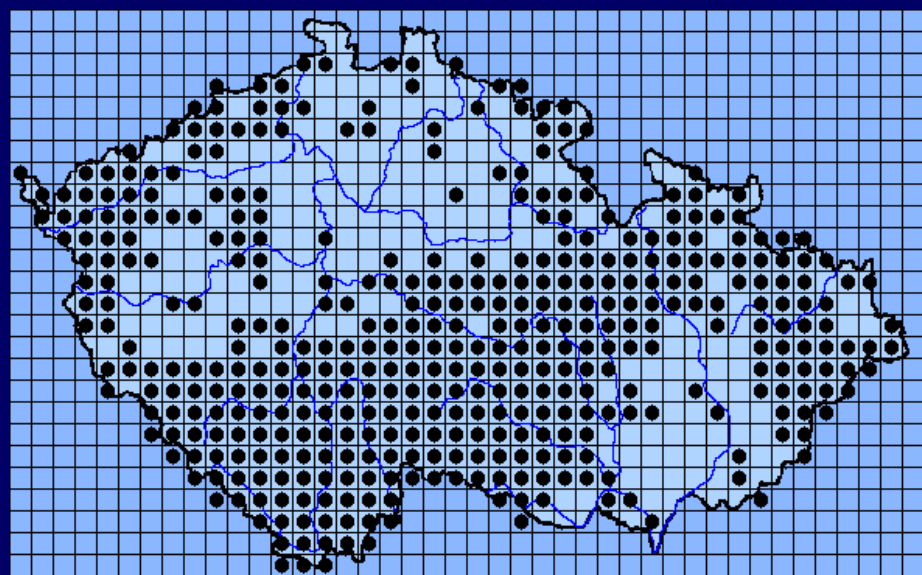
Neomys fodiens - rejsec vodní



Neomys anomalus - rejsec černý

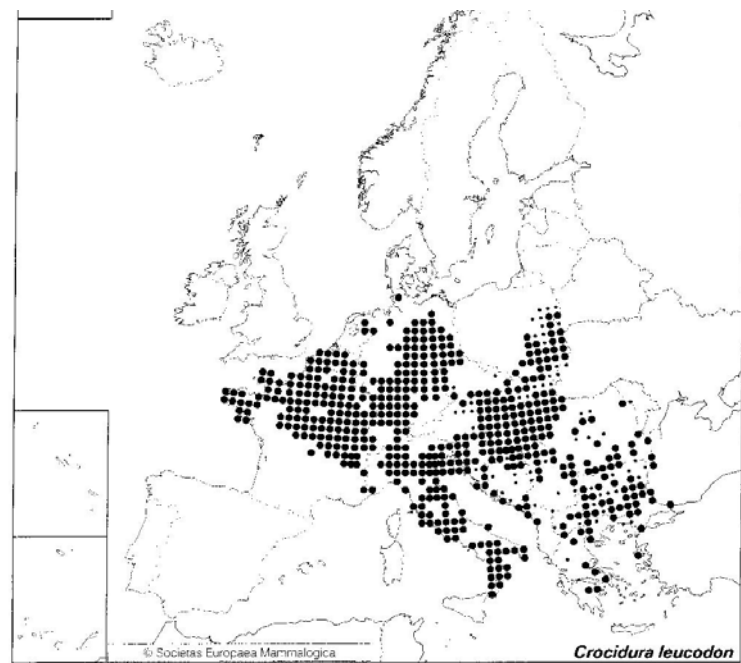


87%

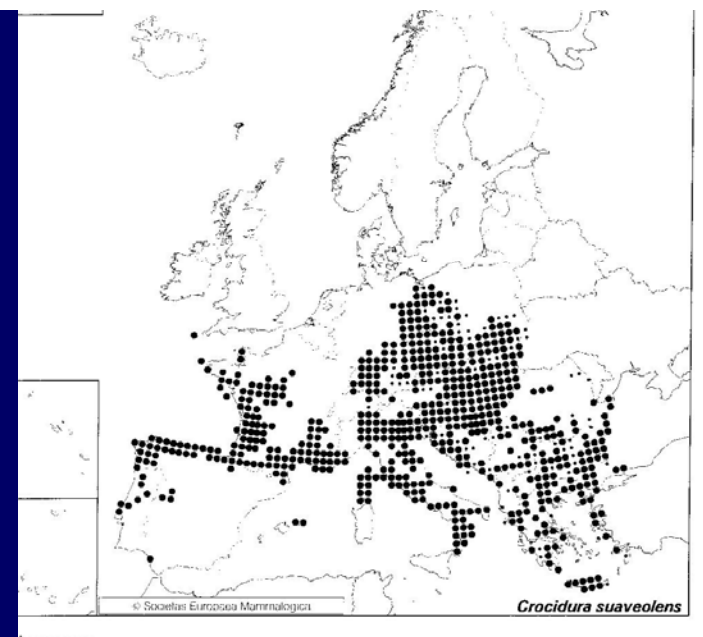


66%

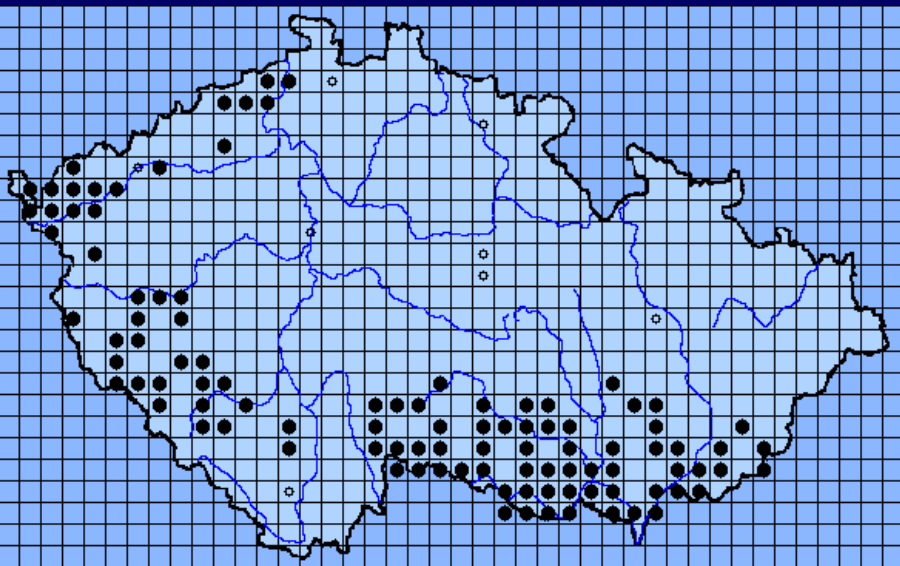
Crocidura leucodon (Hermann, 1780)
- bělozubka bělobřichá



Crocidura suaveolens (Pallas, 1811)
- bělozubka šedá

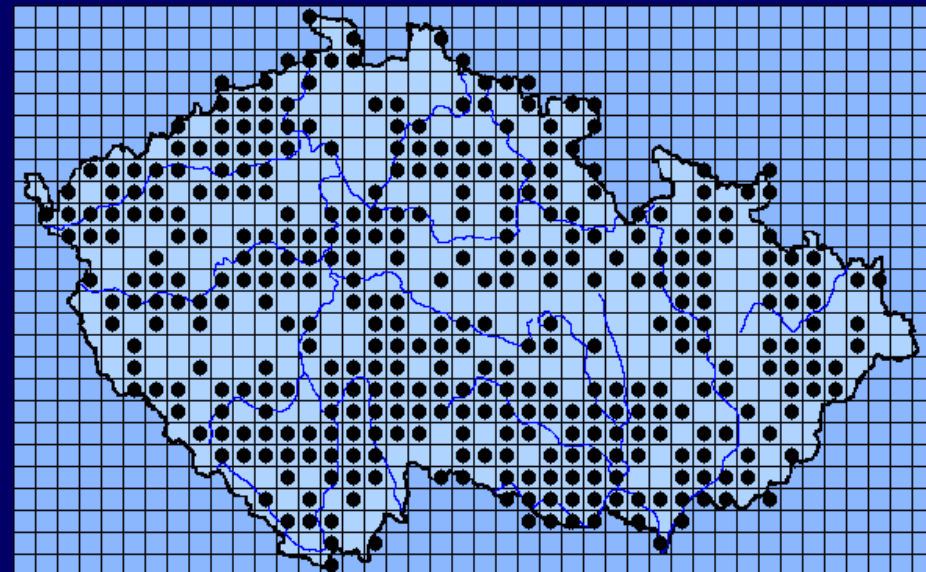
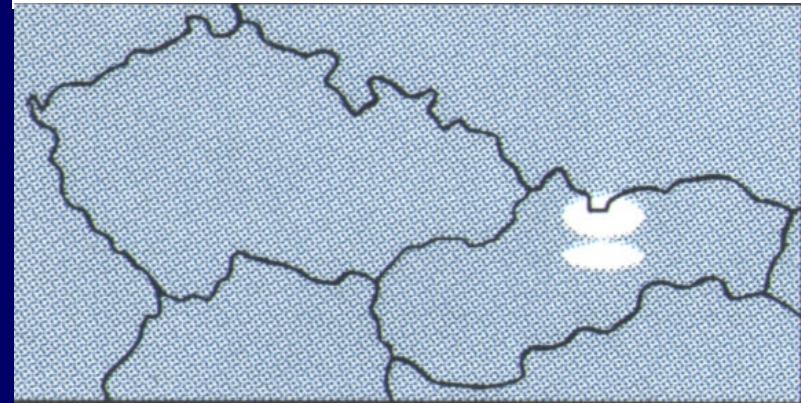


Crocidura leucodon
- bělozubka bělobřichá



17%

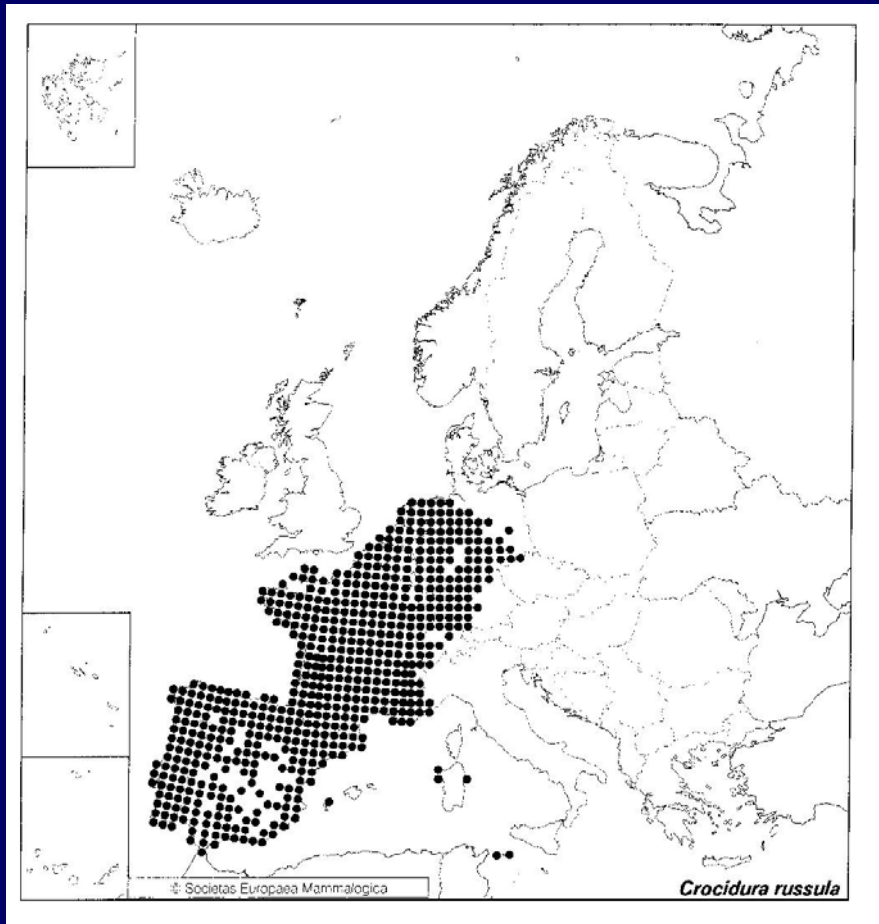
Crocidura suaveolens
- bělozubka šedá



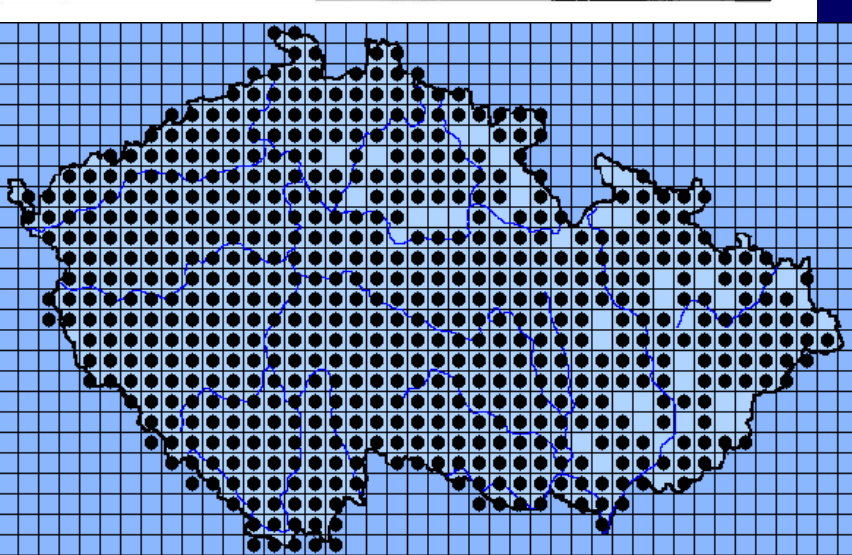
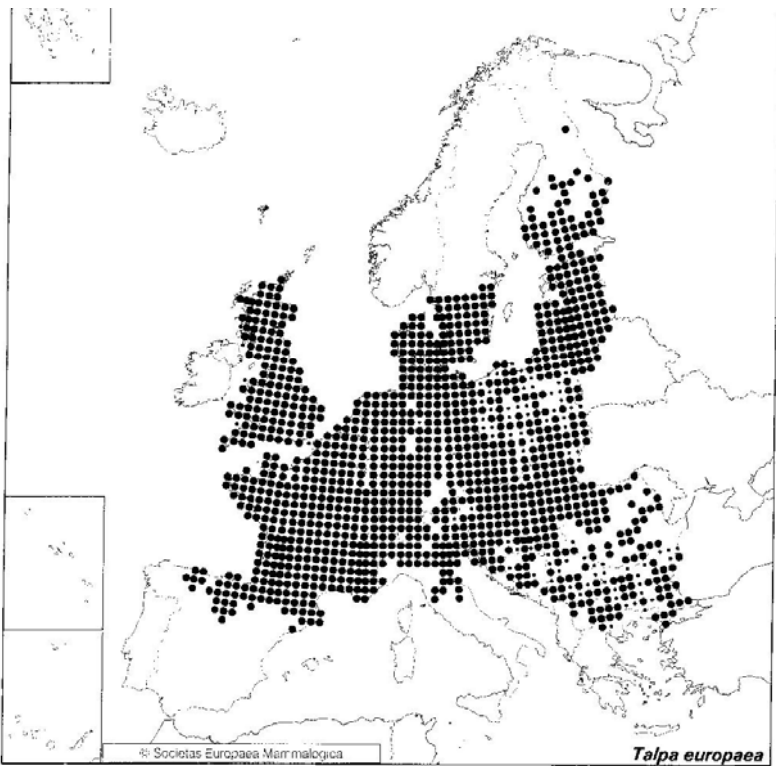
59%

Crocidura russula (Hermann, 1780)

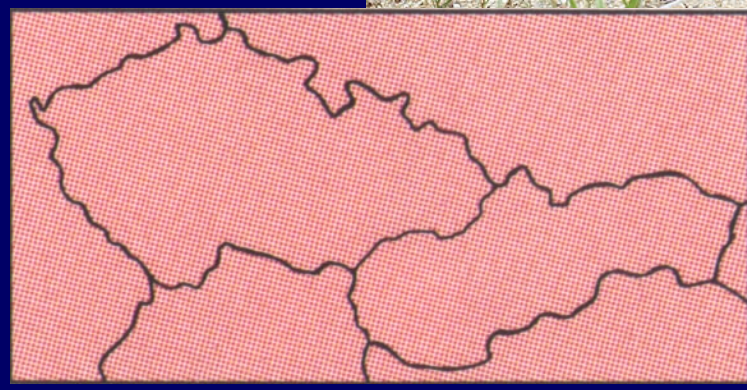
- bělozubka tmavá



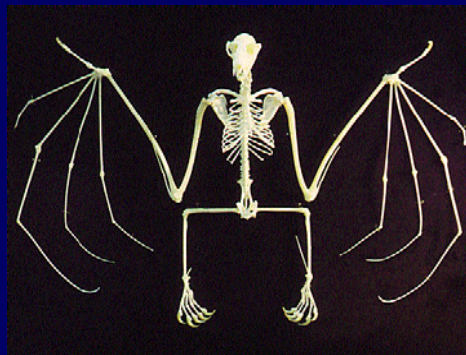
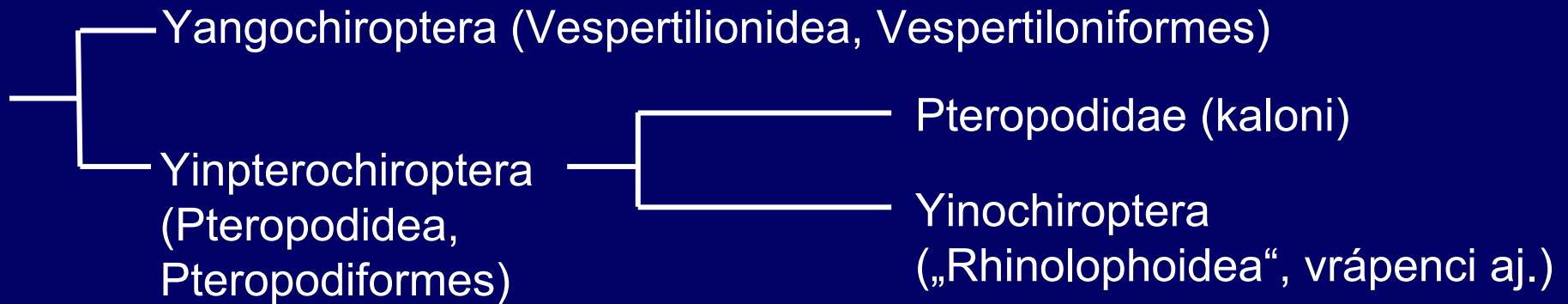
Talpa europaea Linnaeus, 1758 - krtek obecný



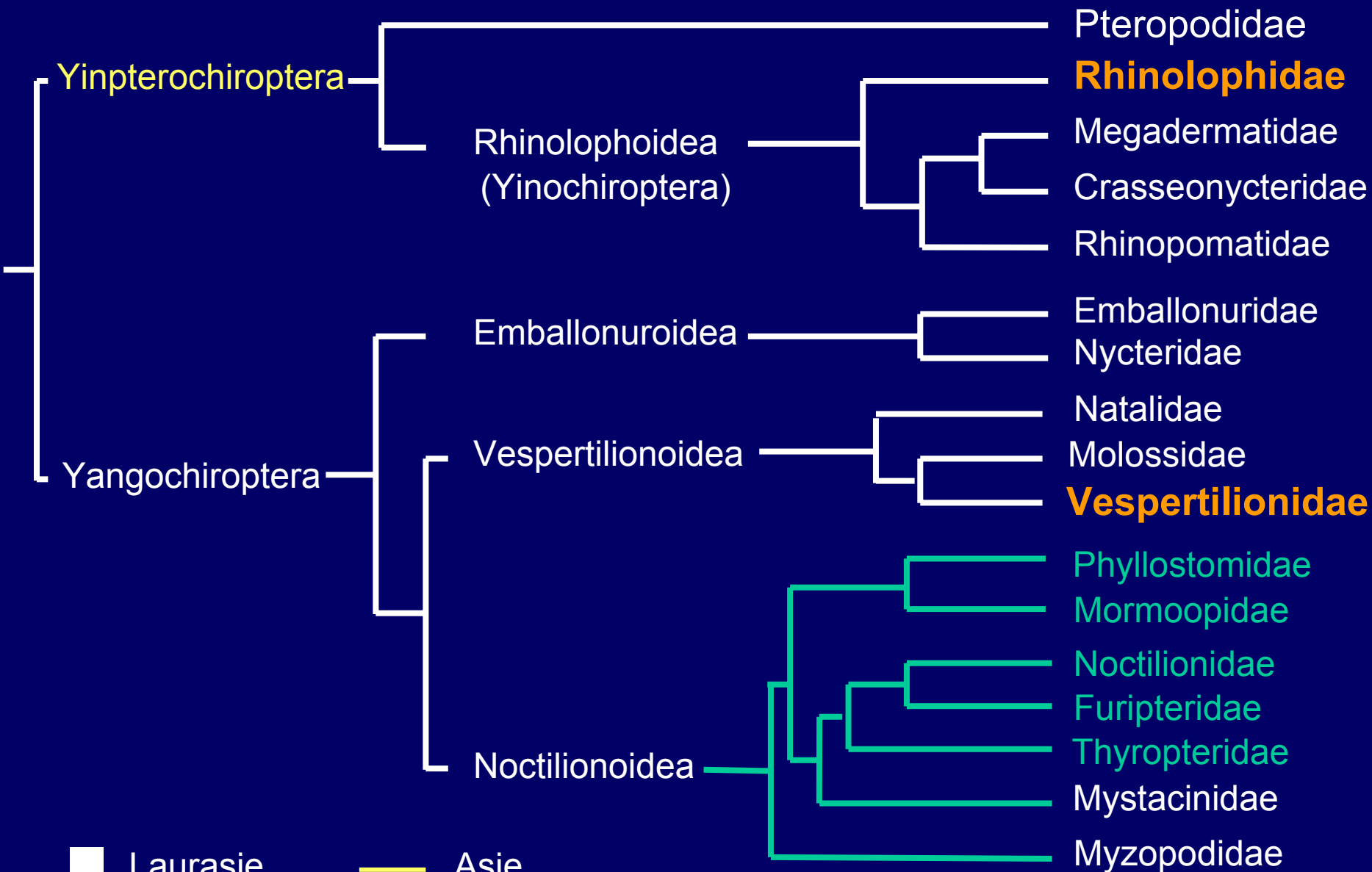
94% -, -, -



Chiroptera - letouni



Yinochiroptera = Rhinolophoidea – Emballonuridae, Nycteridae = **Rhinolophidae** (+ „Hipposideridae“), Megadermatidae, Rhinopomatidae, Crasseonycteridae



■ Laurasie

— Asie

■ Gondwana

— Stř a J Amerika

Rhinolophidae - vrápencovití

Rhinolophus hipposideros (Bechstein, 1800) - vrápenec malý

Rhinolophus ferrumequinum (Schreber, 1774) - vrápenec velký

Rhinolophus euryale Blasius, 1853 - vrápenec jižní

Vespertilionidae - netopýrovití

Myotis mystacinus (Kuhl, 1817) - netopýr vousatý

Myotis brandtii (Eversmann, 1845) - netopýr Brandtův

Myotis alcathoe Helversen & Heller, 2001 - netopýr menší

Myotis bechsteinii (Kuhl, 1817) - netopýr velkouchý

Myotis emarginatus (E. Geoffroy, 1806) - netopýr brvitý

Myotis nattereri (Kuhl, 1817) - netopýr řasnatý

Myotis myotis (Borkhausen, 1797) - netopýr velký

Myotis blythii (Tomes, 1857) - netopýr východní

Myotis daubentonii (Kuhl, 1817) - netopýr vodní

Myotis dasycneme (Boie, 1825) - netopýr pobřežní

Vespertilio murinus Linnaeus, 1758 - netopýr pestrý

Eptesicus serotinus Schreber, 1774 - netopýr večerní

Eptesicus nilssonii (Keyserling et Blasius, 1839) - netopýr severní

Vespertilionidae - netopýrovití

Nyctalus noctula (Schreber, 1774) - netopýr rezavý

Nyctalus leisleri (Kuhl, 1817) - netopýr stromový

Nyctalus lasiopterus (Schreber, 1780) - netopýr obrovský

Pipistrellus pipistrellus (Schreber, 1774) - netopýr hvízdavý

Pipistrellus pygmaeus (Leach, 1825) - netopýr nejmenší

Pipistrellus nathusii (Keyserling et Blasius, 1839) – netopýr parkový

Pipistrellus kuhlii (Kuhl, 1817) - netopýr jižní

Hypsugo savii (Bonaparte, 1837) - netopýr Saviův

Plecotus auritus (Linnaeus, 1758) - netopýr (vrásnič) ušatý

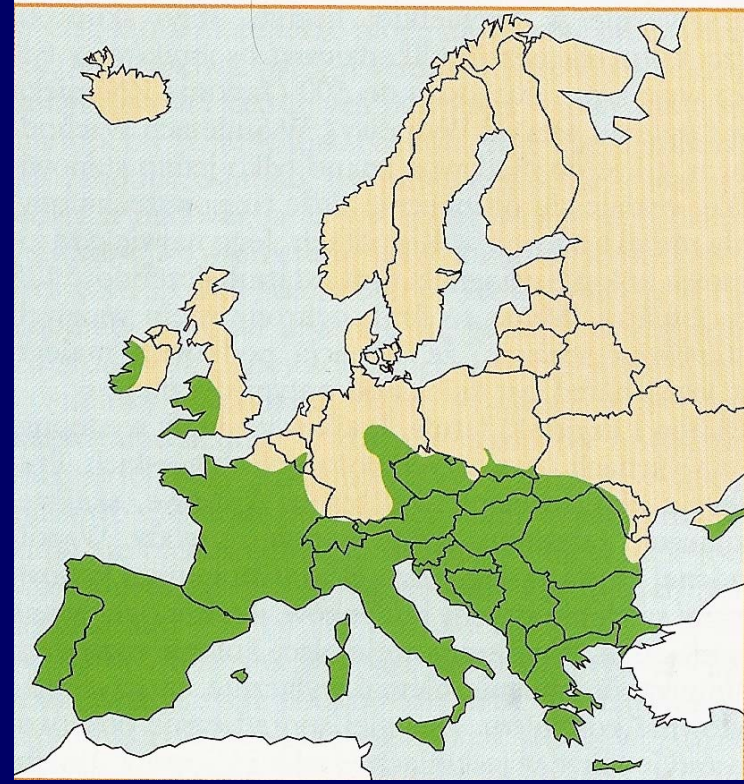
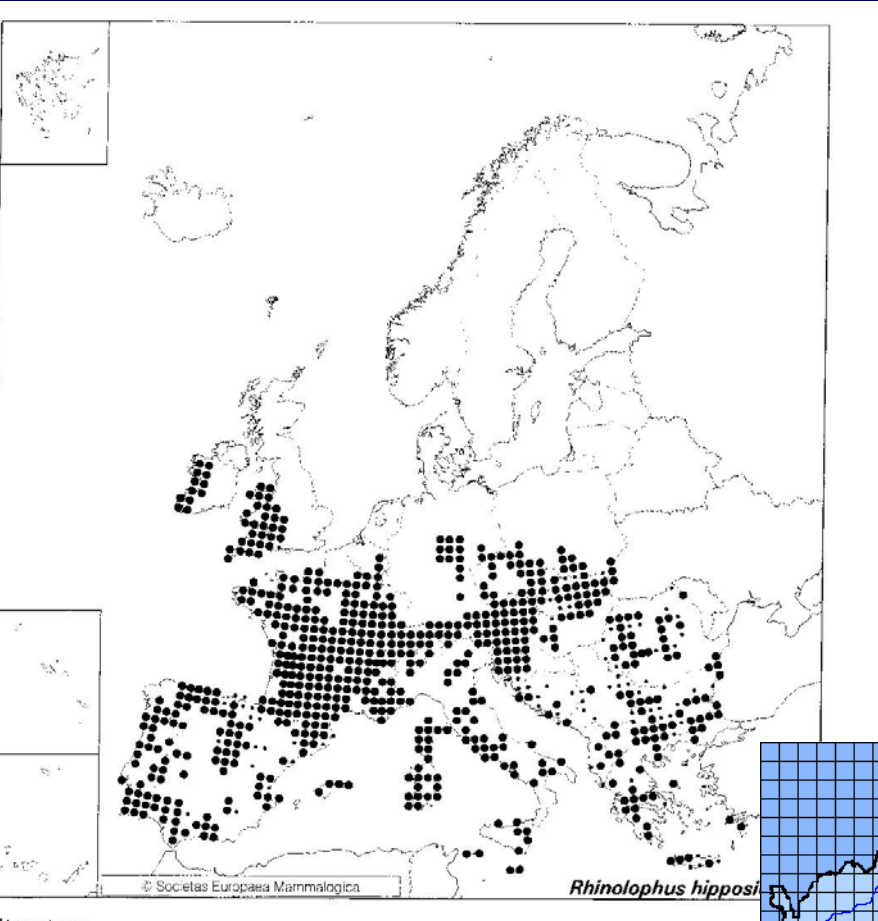
Plecotus austriacus (Fischer, 1829) - netopýr (vrásnič) dlouhouchý

Barbastella barbastellus (Schreber, 1774) - netopýr černý

Miniopterus schreibersii (Kuhl, 1817) - létavec stěhovavý

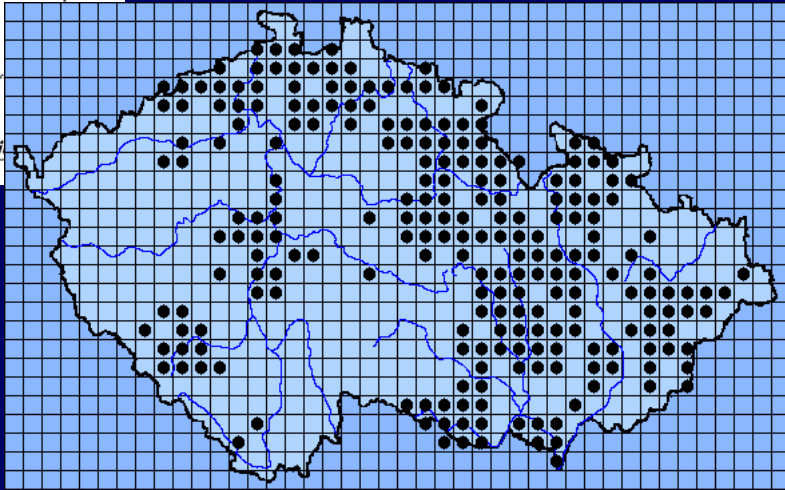
Rhinolophus hipposideros (Bechstein, 1800)

- vrápenec malý



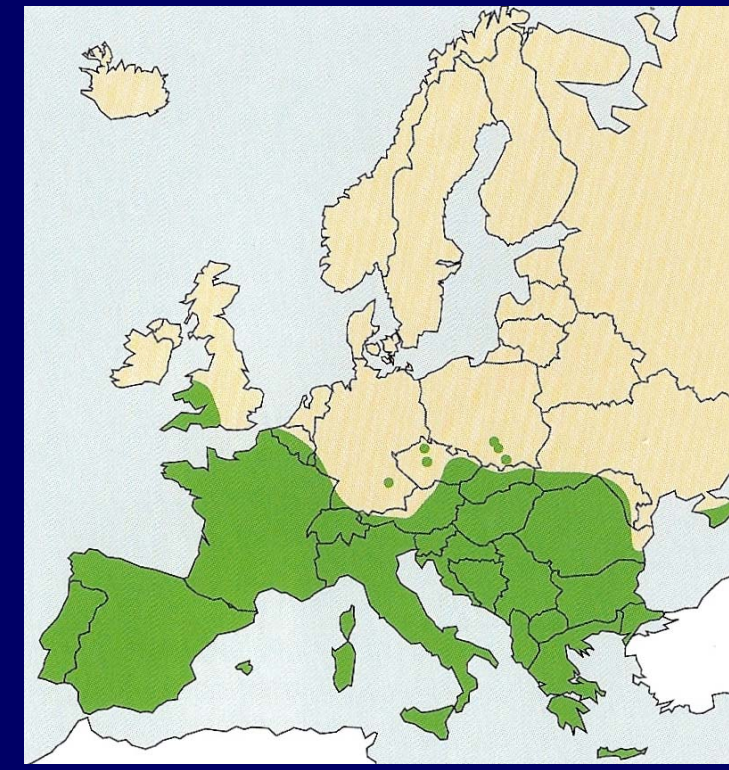
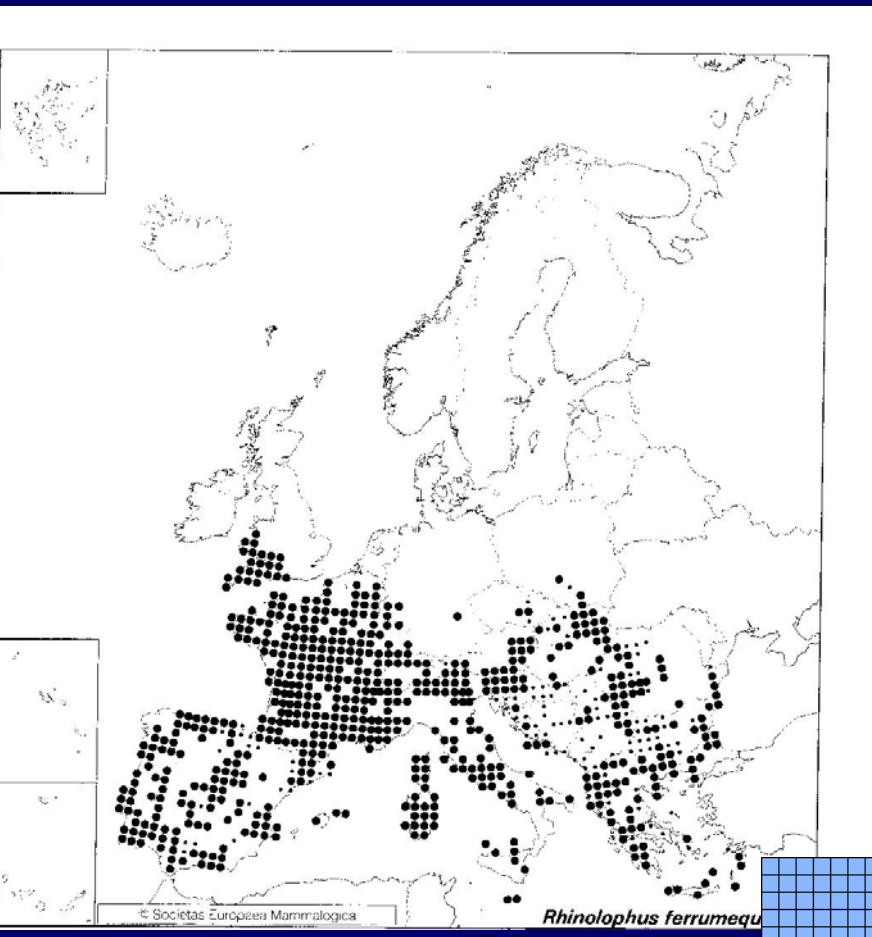
EN, VU, KO

37%



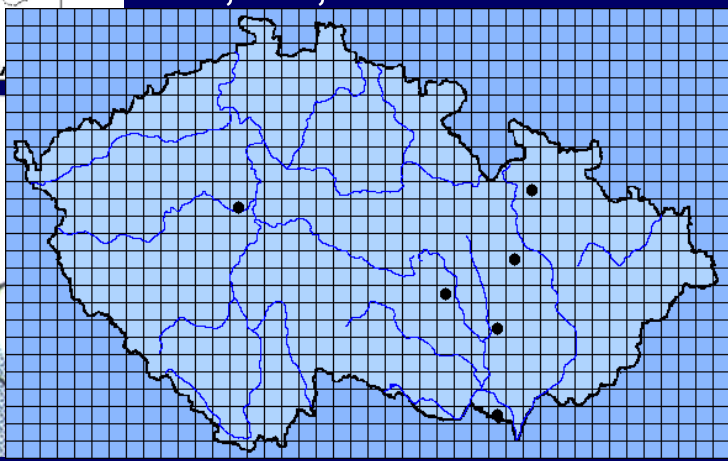
Rhinolophus ferrumequinum (Schreber, 1774) - vrápenec velký

CR, LR , KO

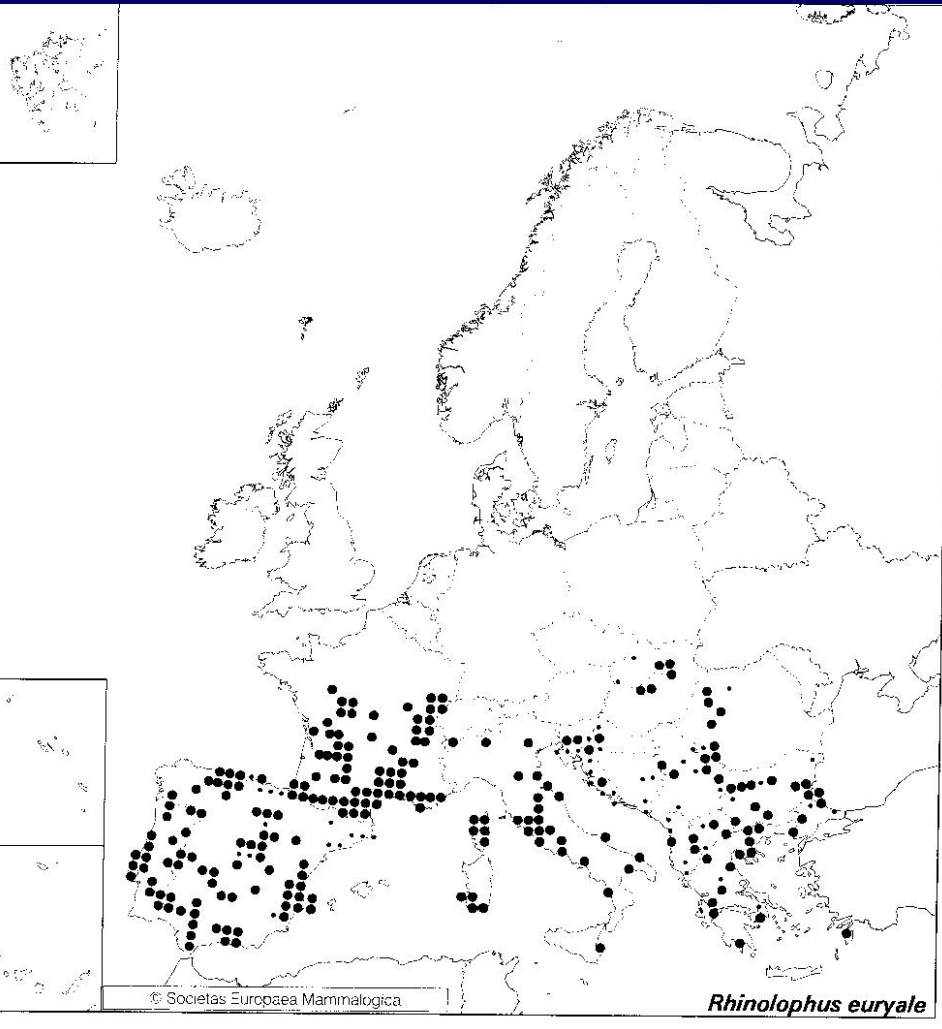


CR, LT, KO

1%

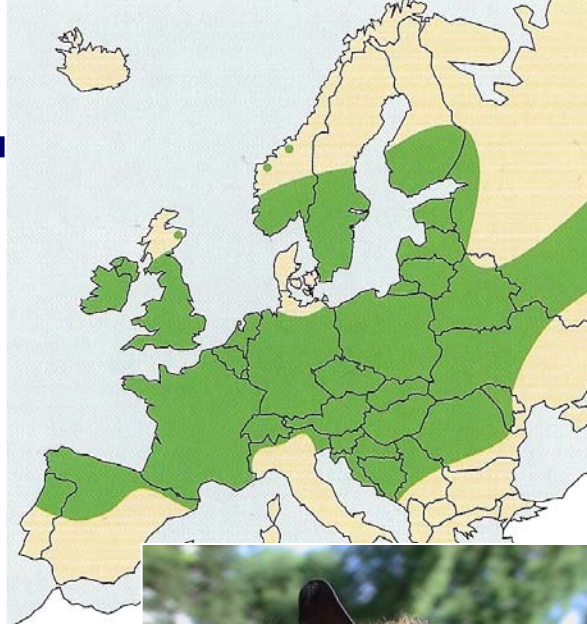
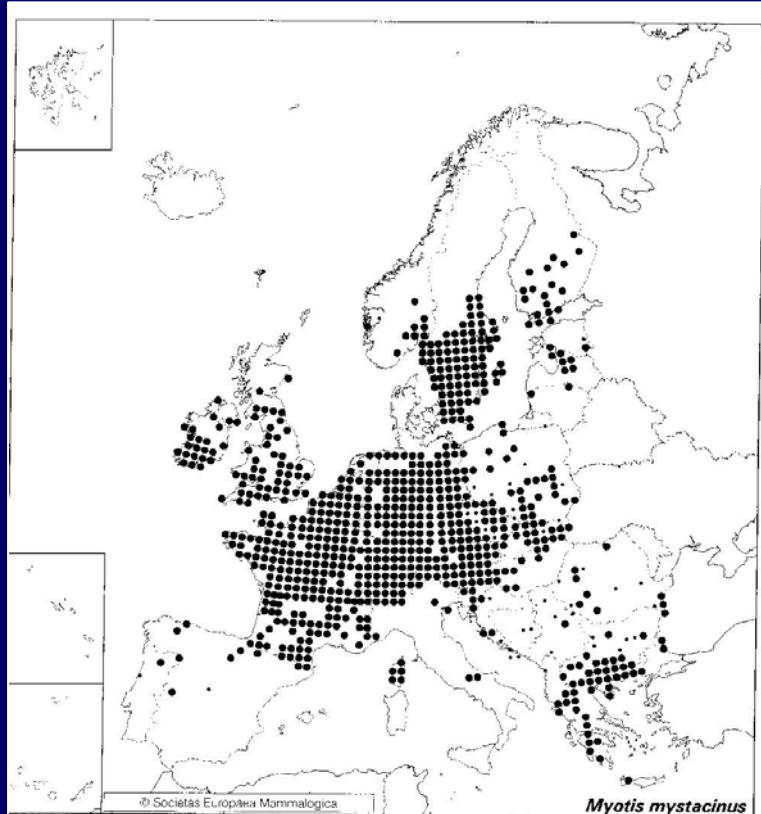


Rhinolophus euryale Blasius, 1853
- vrápenec jižní



Myotis mystacinus (Kuhl, 1817)

- netopýr vousatý



-, -, SO

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56%

-, -, SO

SR-2003

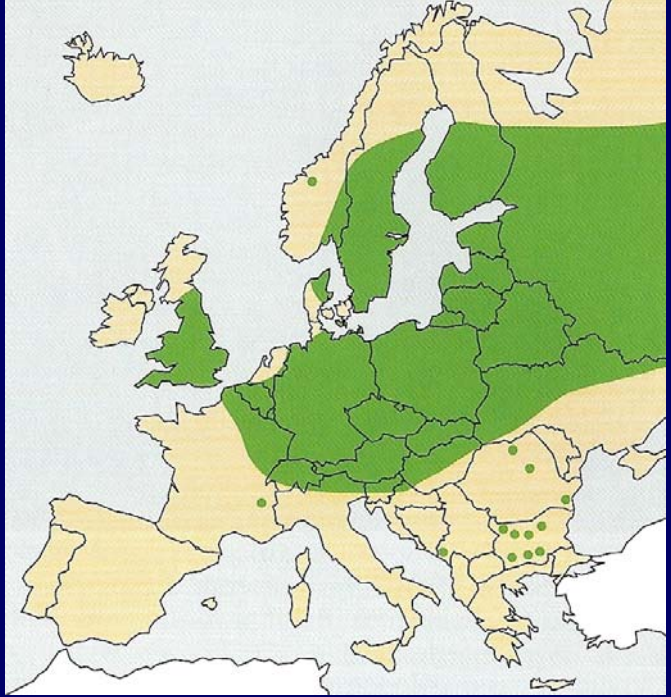
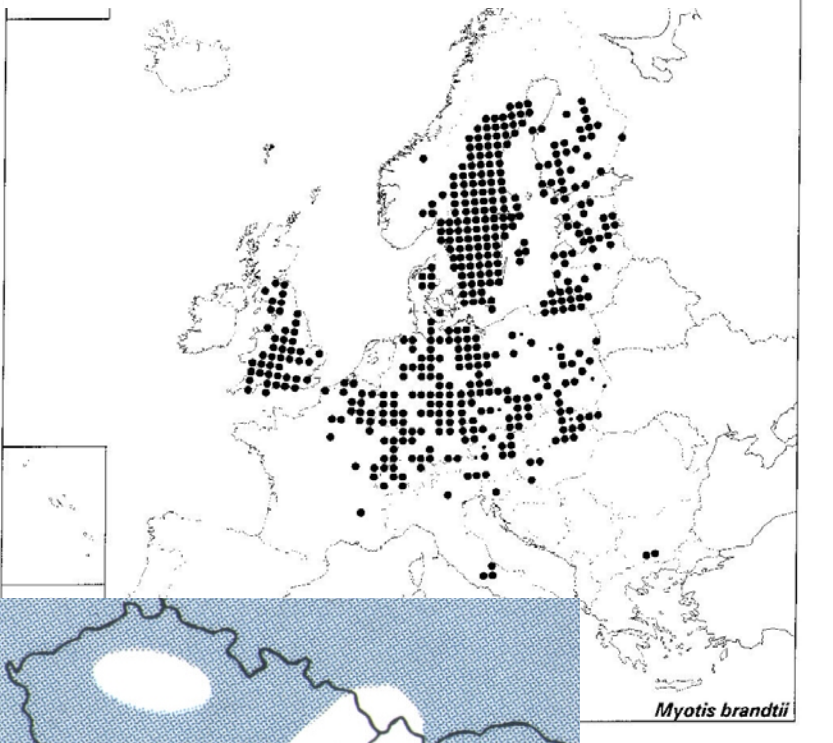
ČR-2005



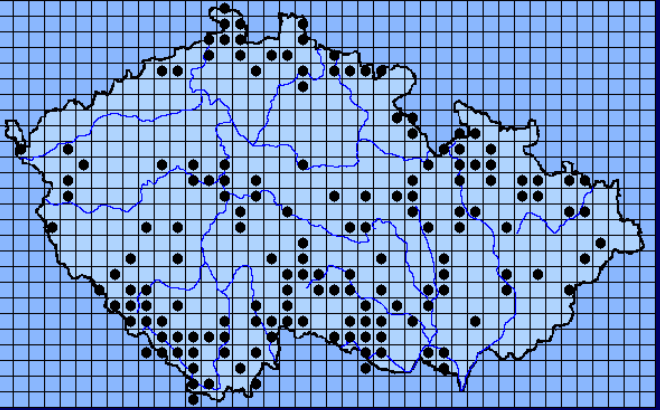
Myotis alcathoe Helversen & Heller, 2001

- netopýr menší

Myotis brandtii (Eversmann, 1845)
- netopýr Brandtův



25%

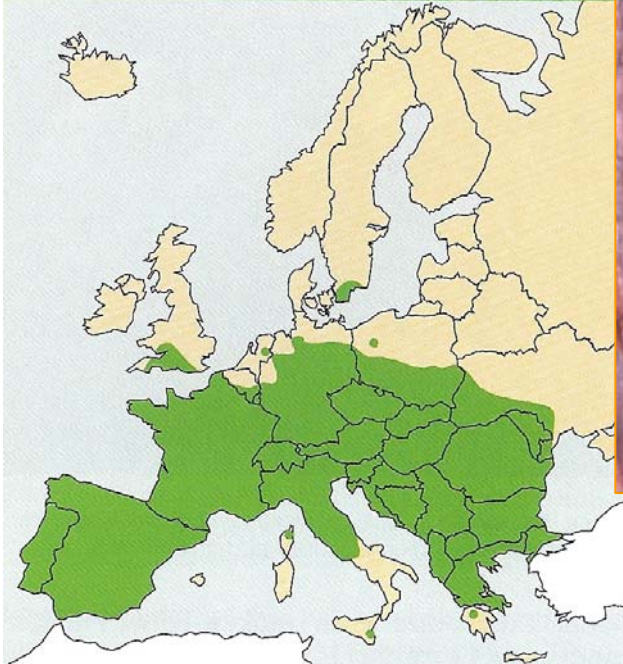
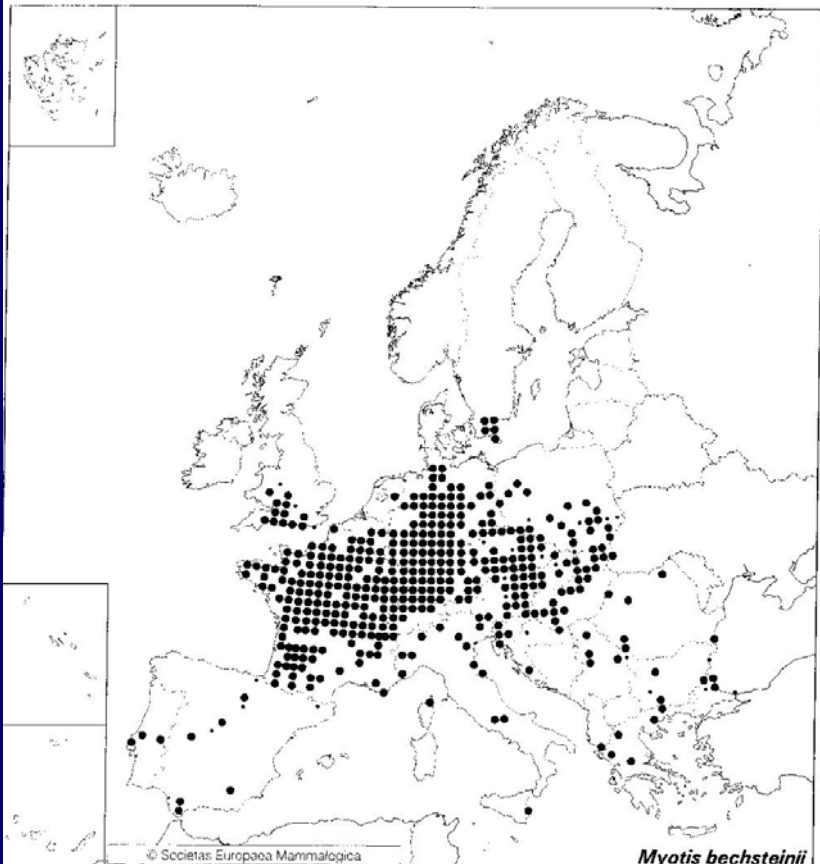


-, -, SO



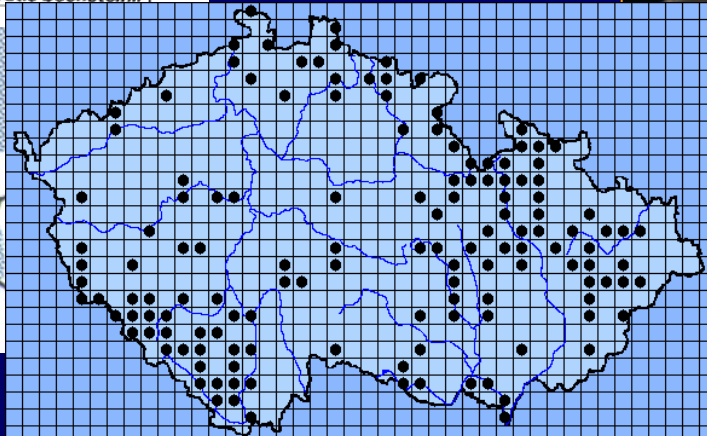
Myotis bechsteinii (Kuhl, 1817)

- netopýr velkouchý

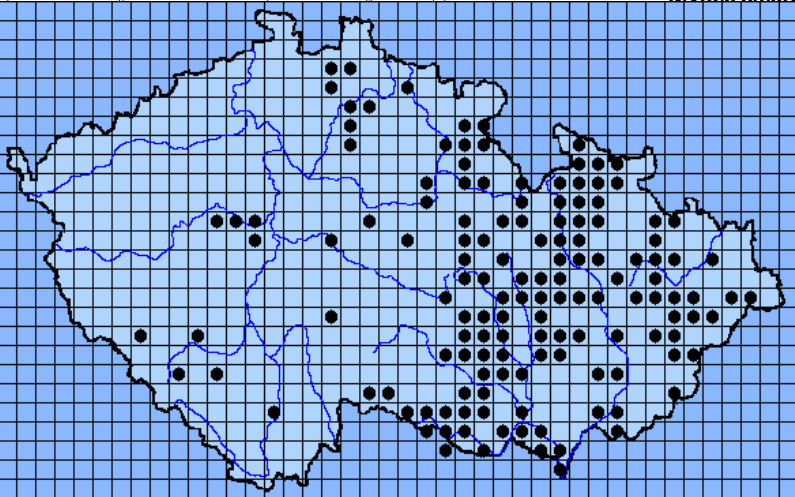
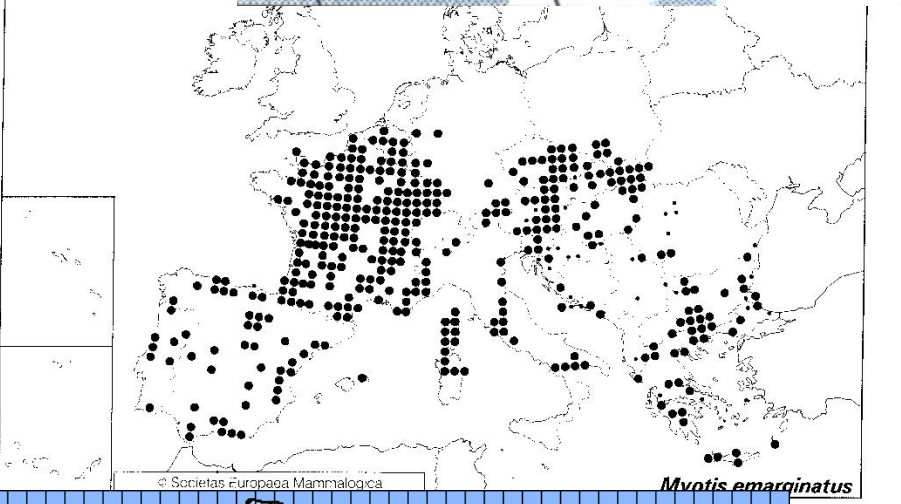
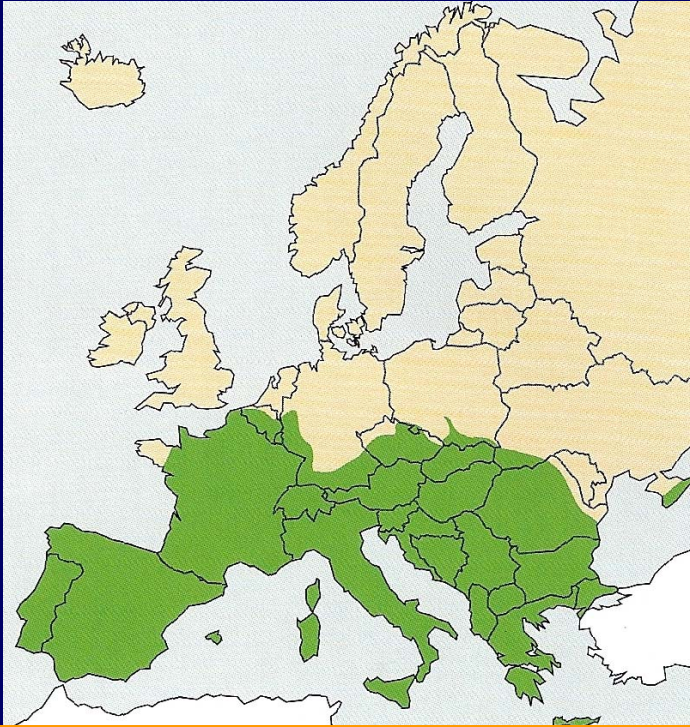
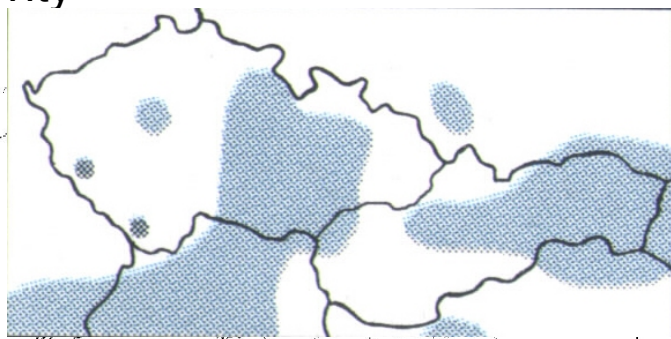


DD, VU, SO

23%



Myotis emarginatus (E. Geoffroy, 1806) - netopýr brvitý

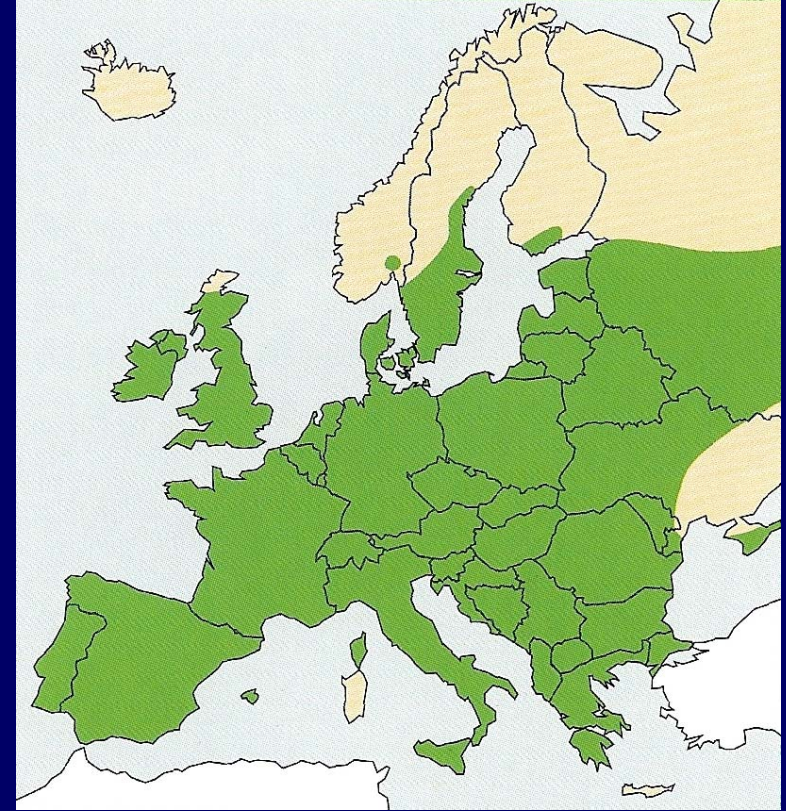
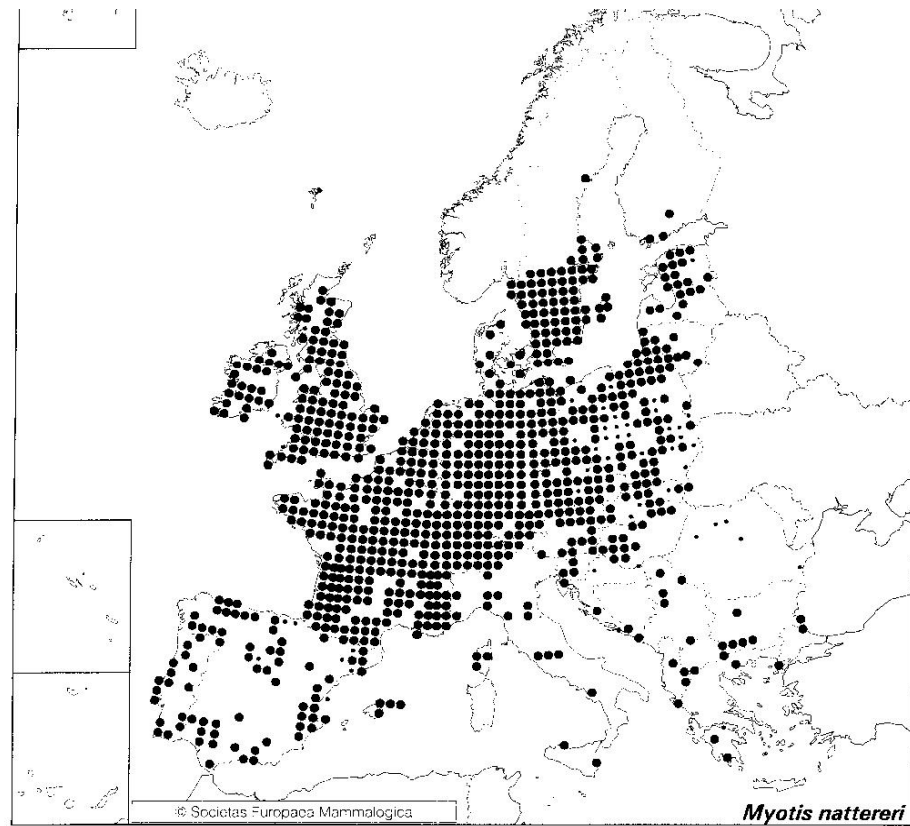


23%

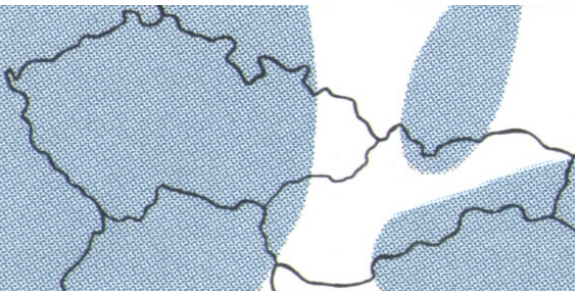
VU, VU, KO

Myotis nattereri (Kuhl, 1817)

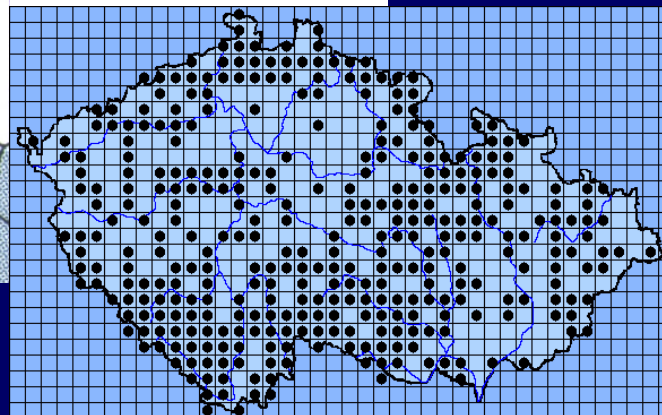
- netopýr řasnatý



-, -, SO

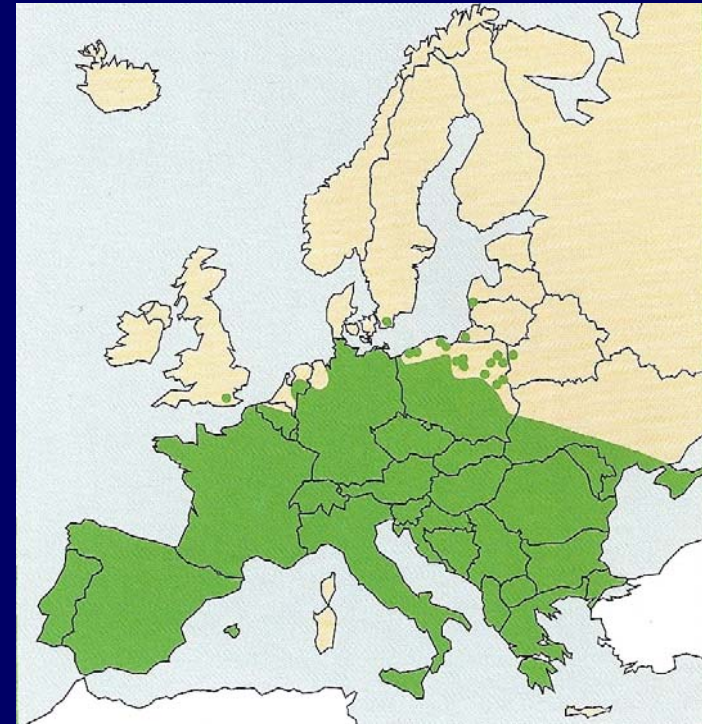
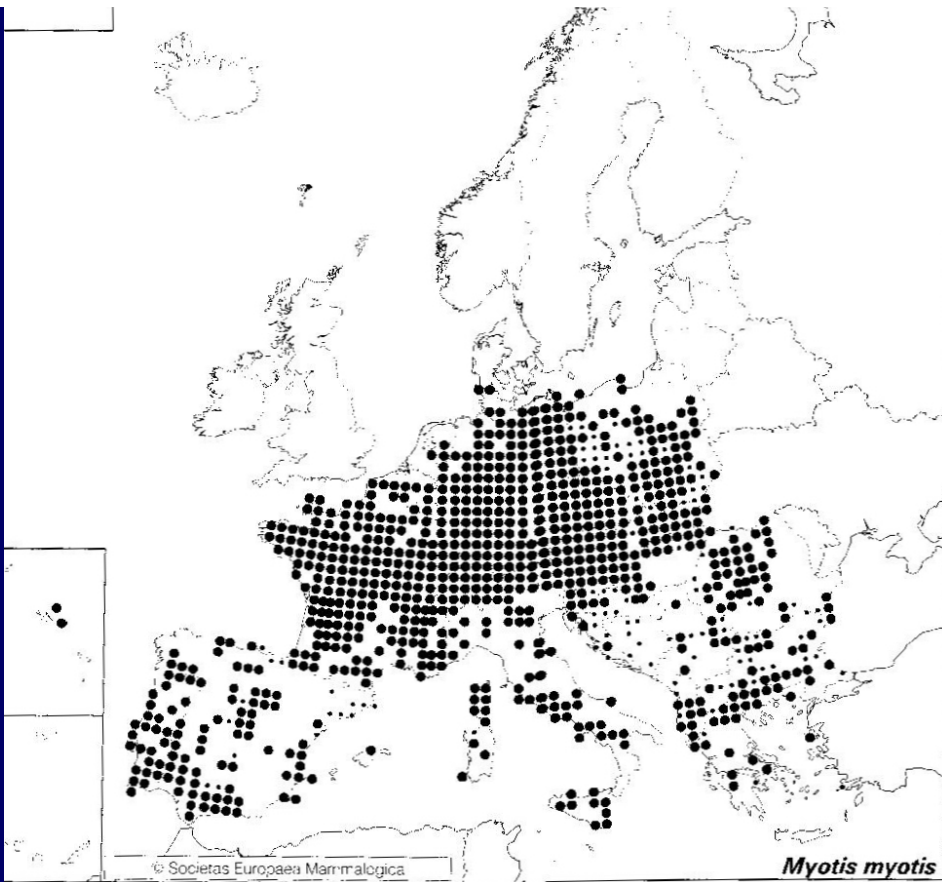


43%

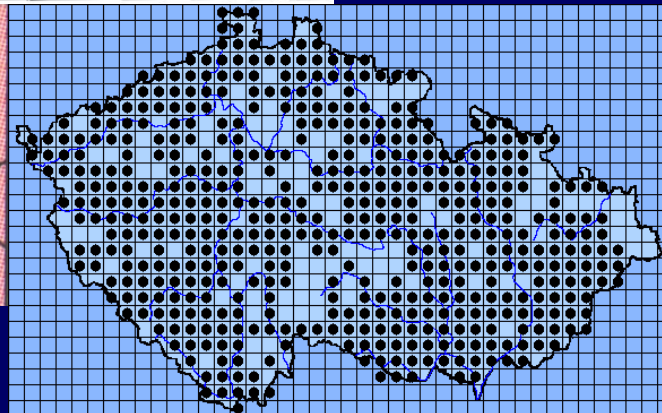
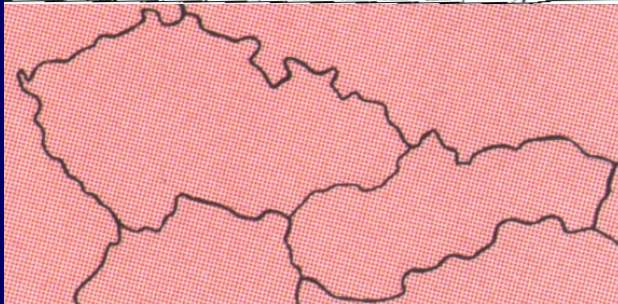


Myotis myotis (Borkhausen, 1797) -
netopýr velký

VU, LR/nt, KO



78%



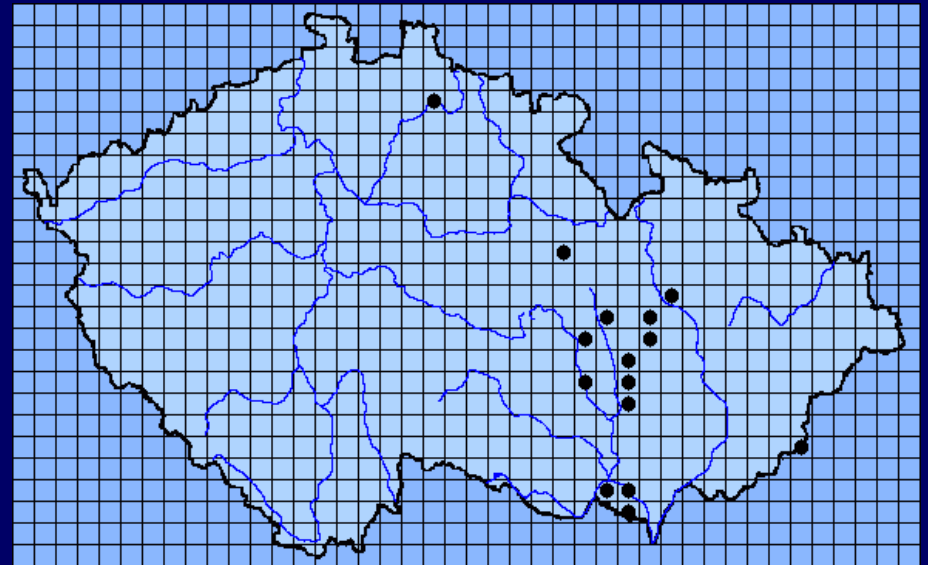
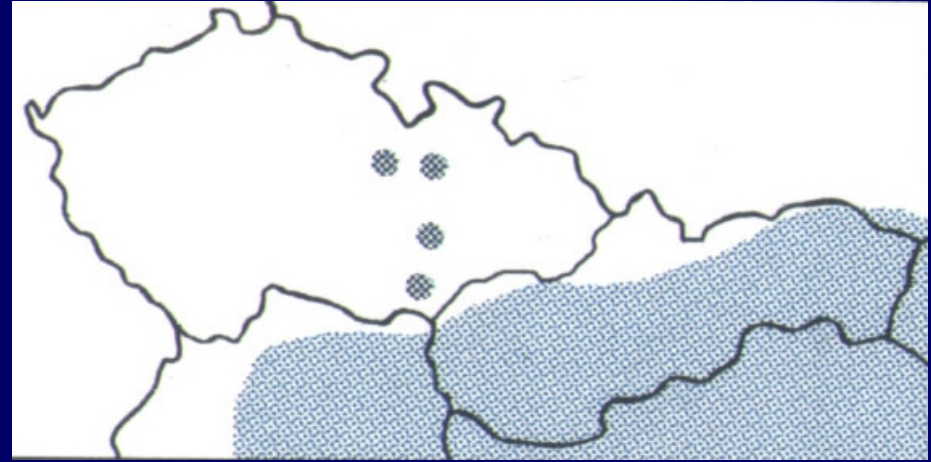
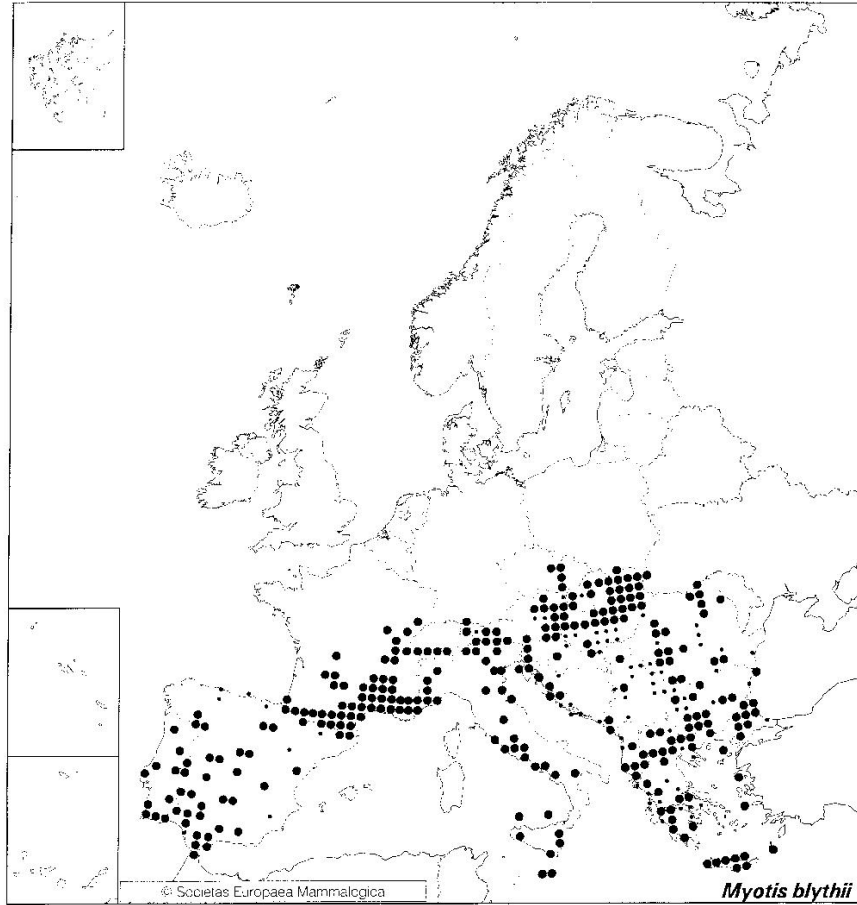
Myotis blythii (Tomes, 1857)

- netopýr východní

Myotis oxygnathus

- Netopýr ostrouchý

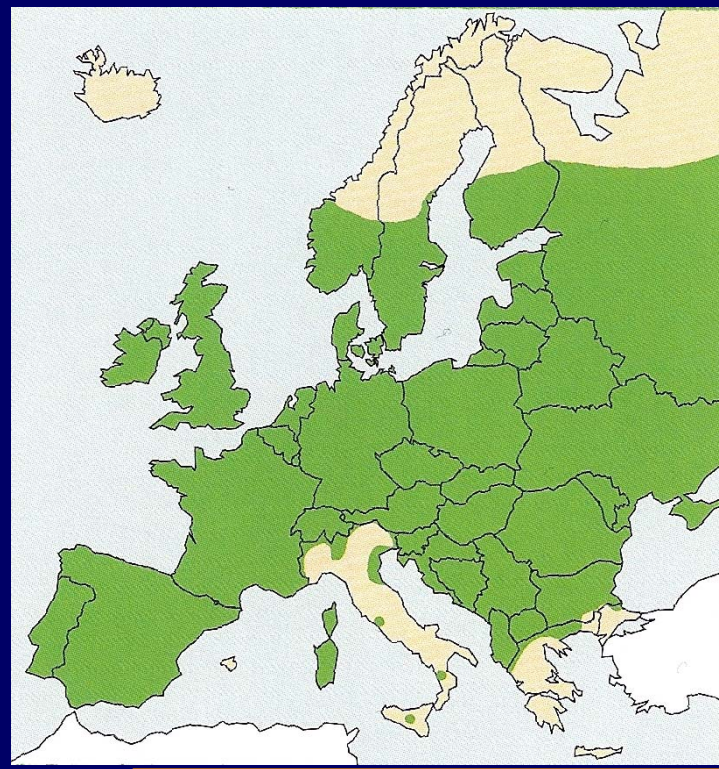
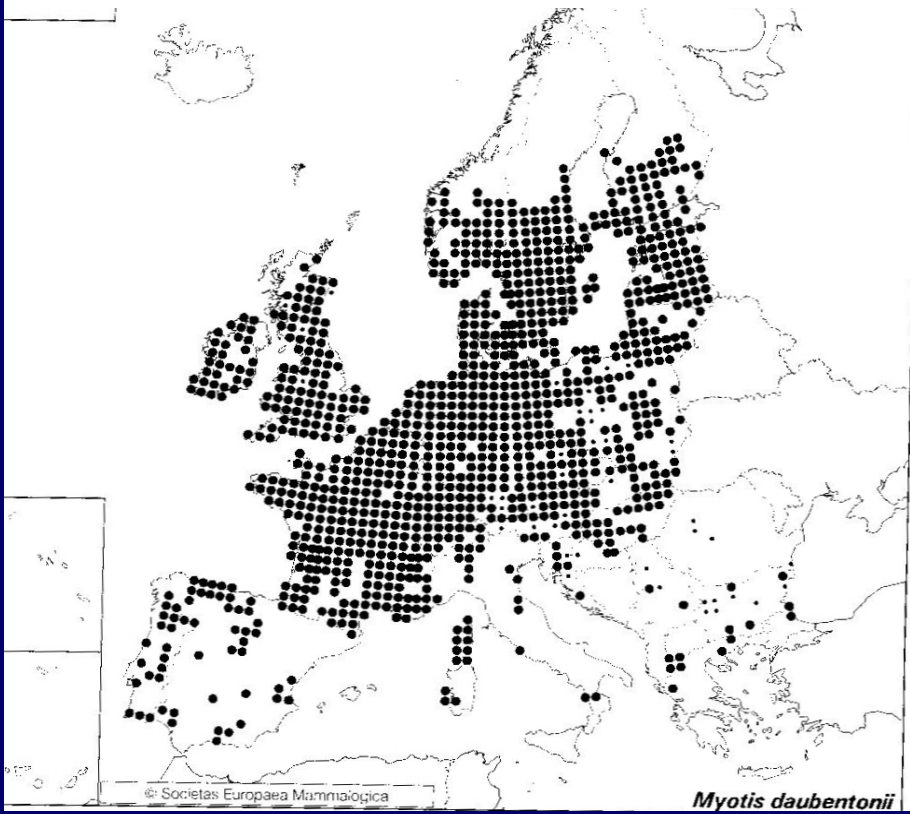
CR, -, SO



3%

Myotis daubentonii (Kuhl, 1817)

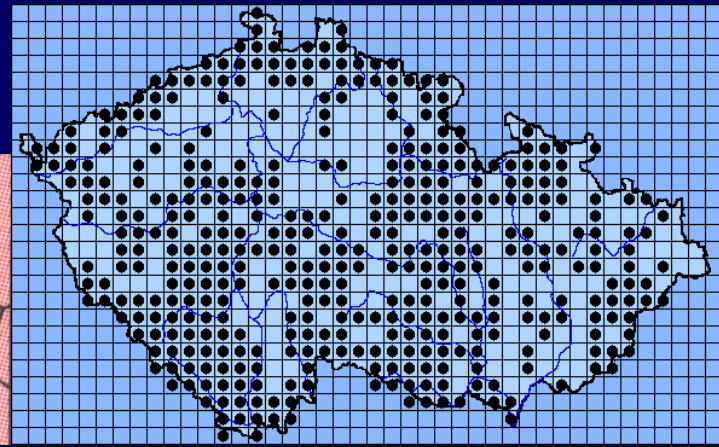
- netopýr vodní



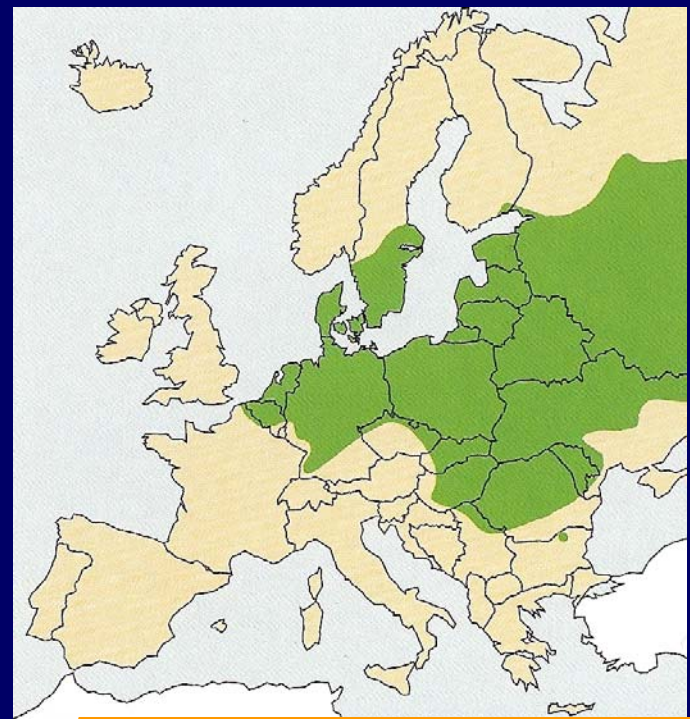
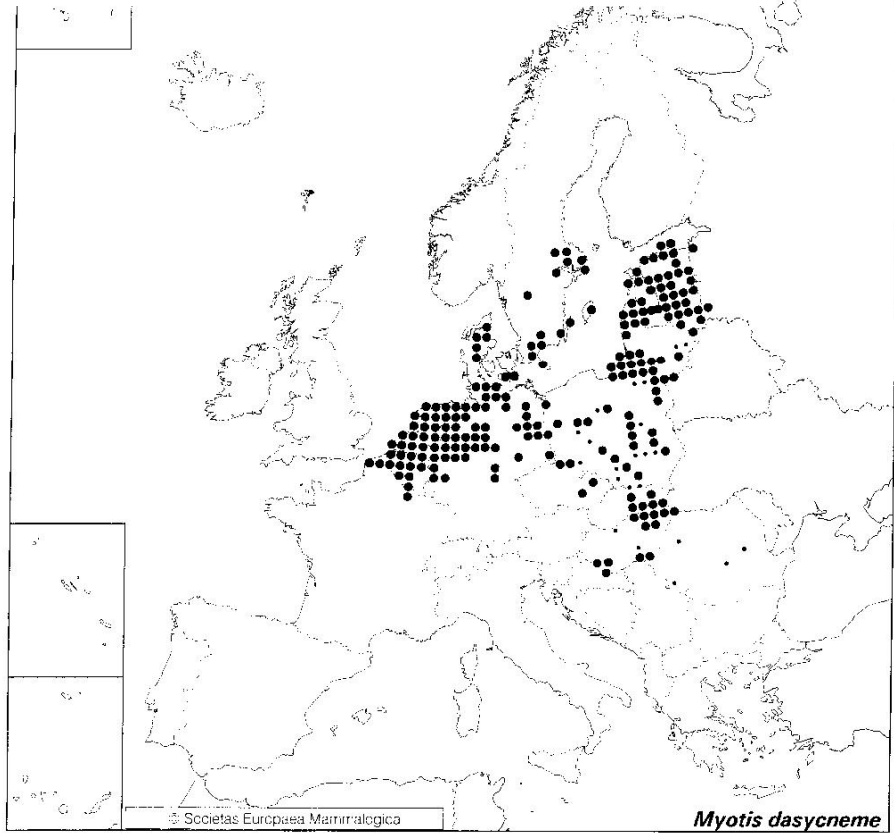
-, -, SO



65%



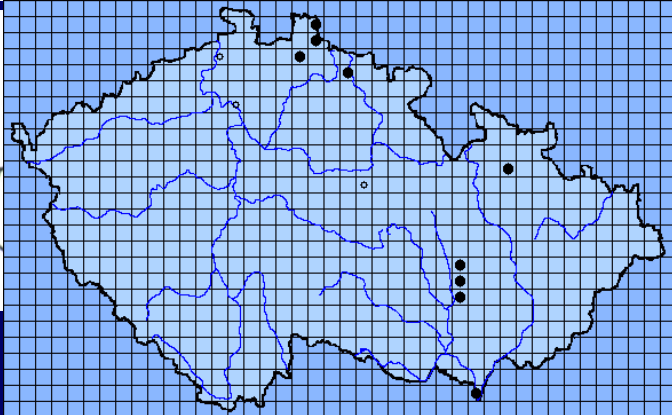
Myotis dasycneme (Boie, 1825) -
netopýr pobřežní



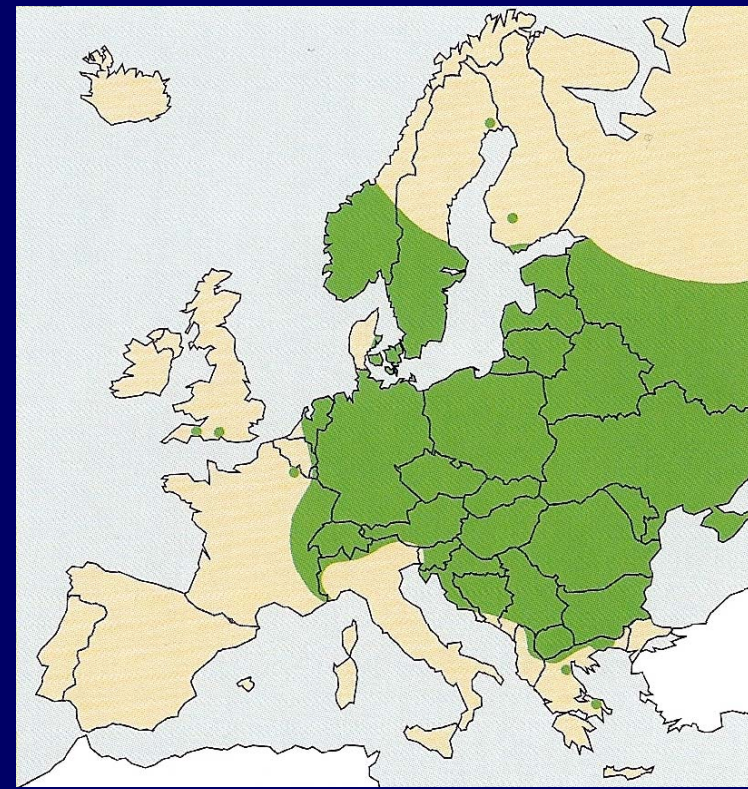
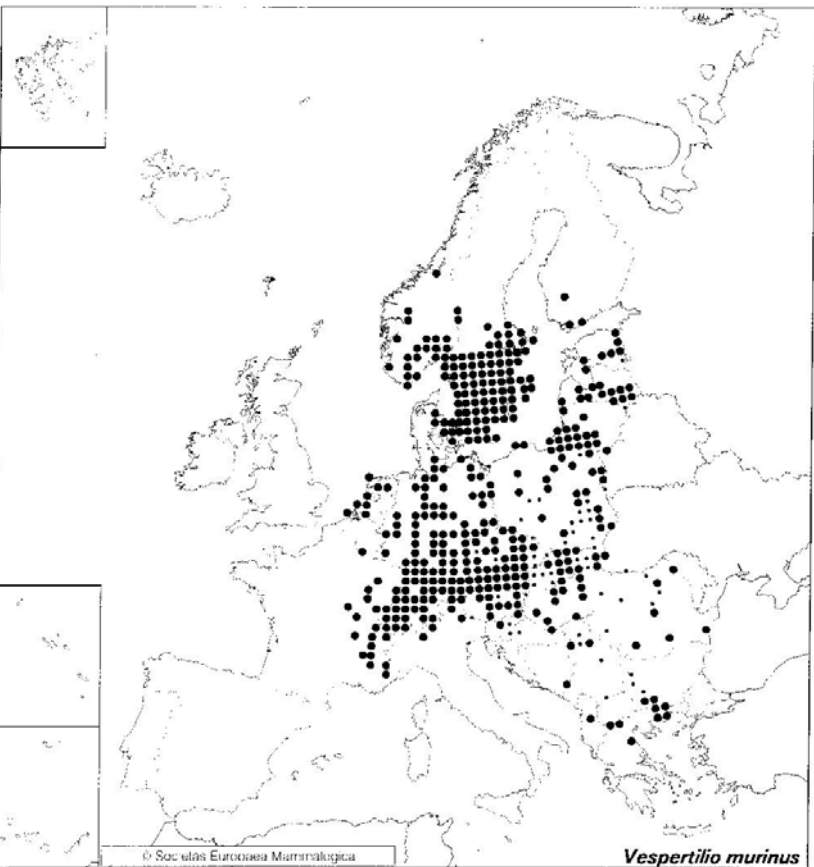
CR, VU, KO



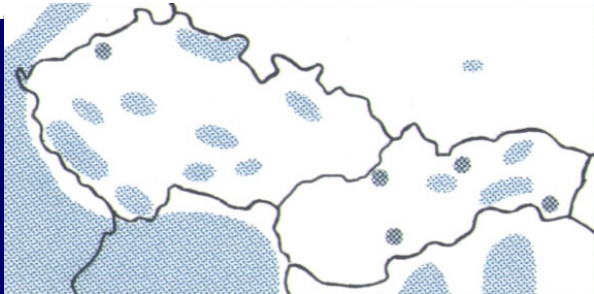
2%



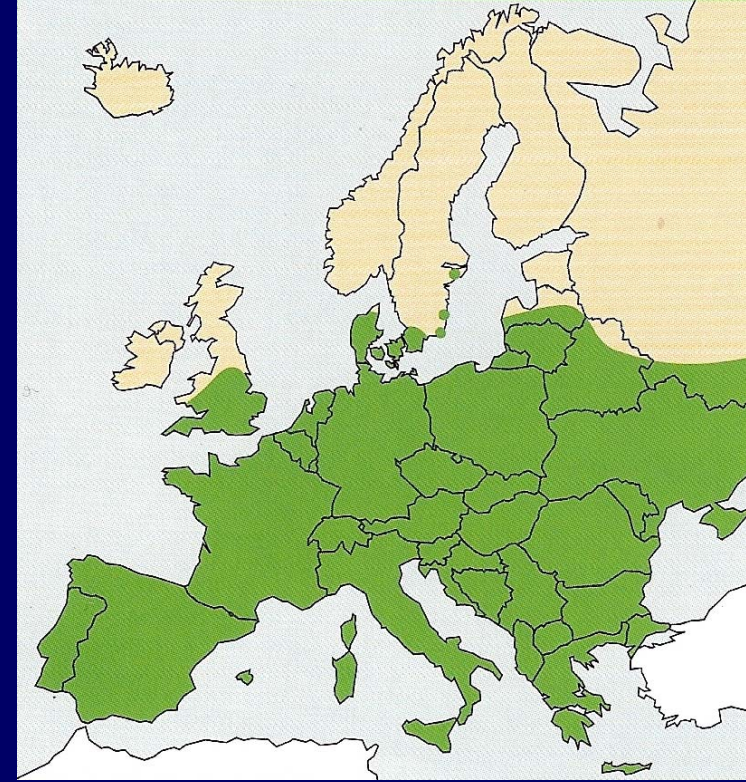
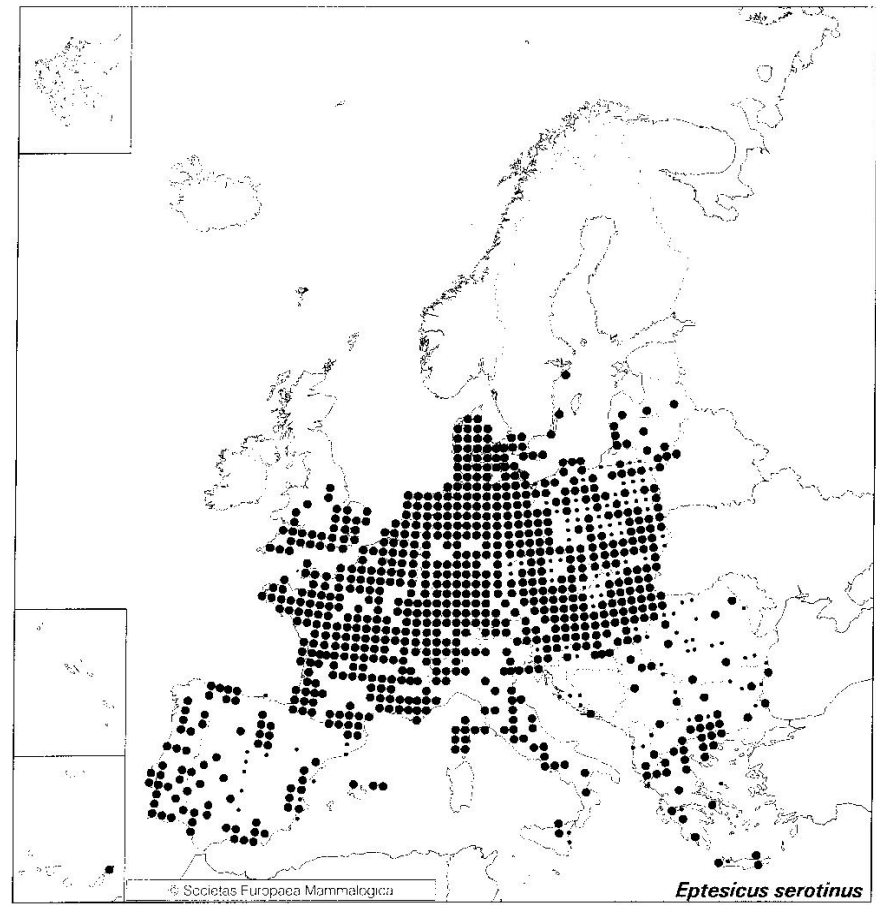
Vespertilio murinus Linnaeus, 1758
- netopýr pestrý



DD, -, SO

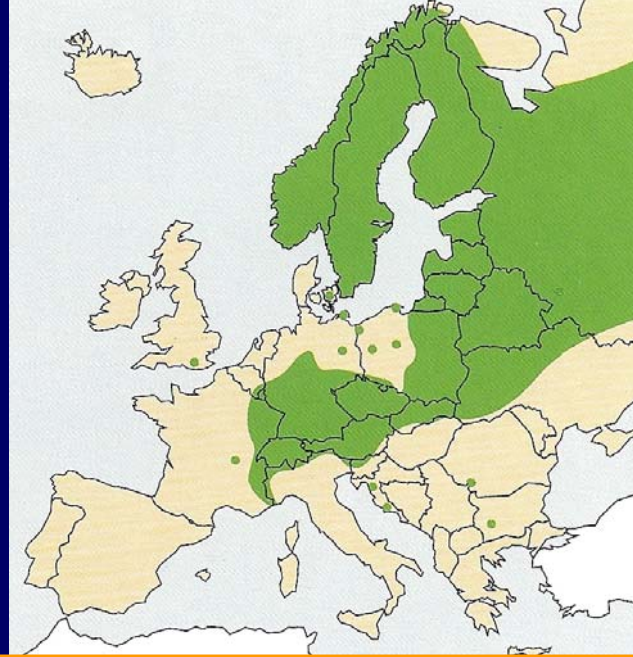


Eptesicus serotinus Schreber, 1774
- netopýr večerní

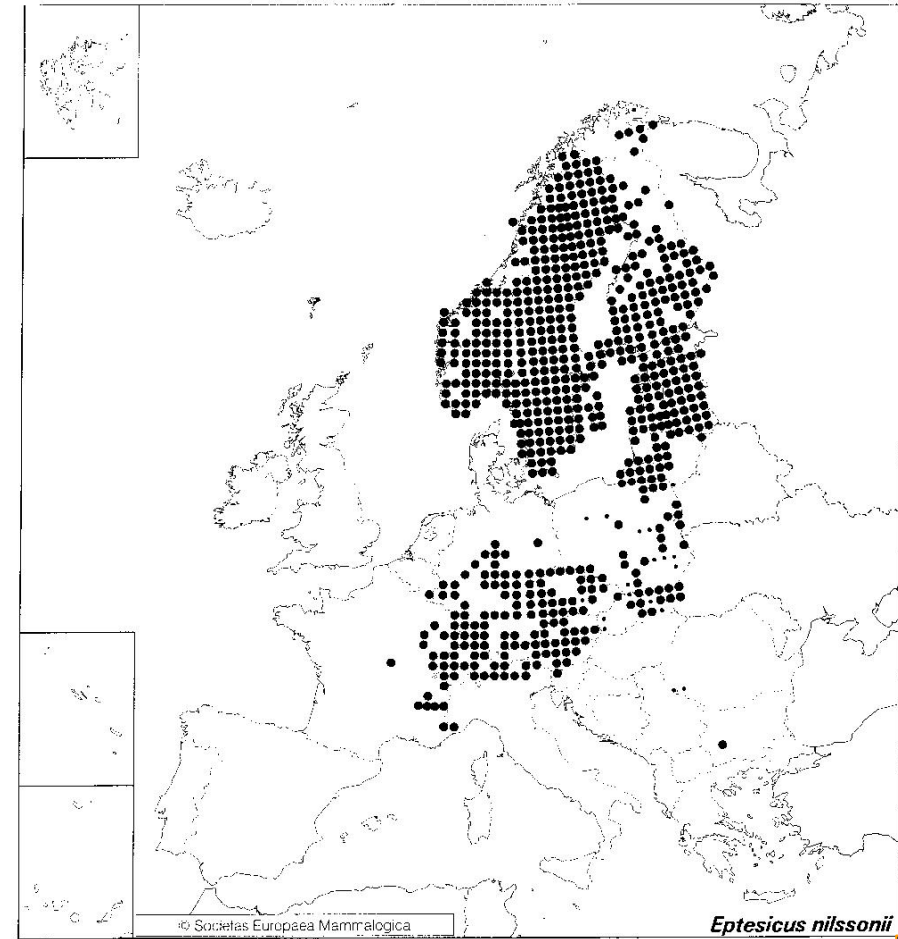


Eptesicus nilssonii Keyserling et Blasius, 1839)

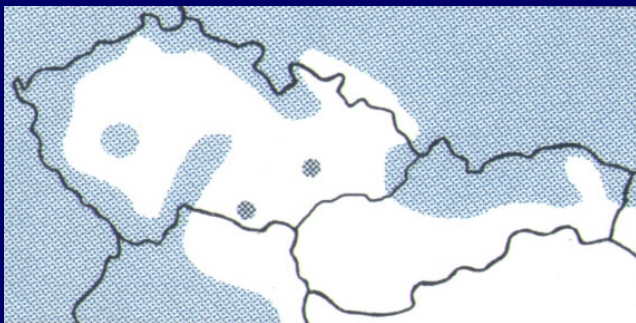
- netopýr severní



-, -, SO



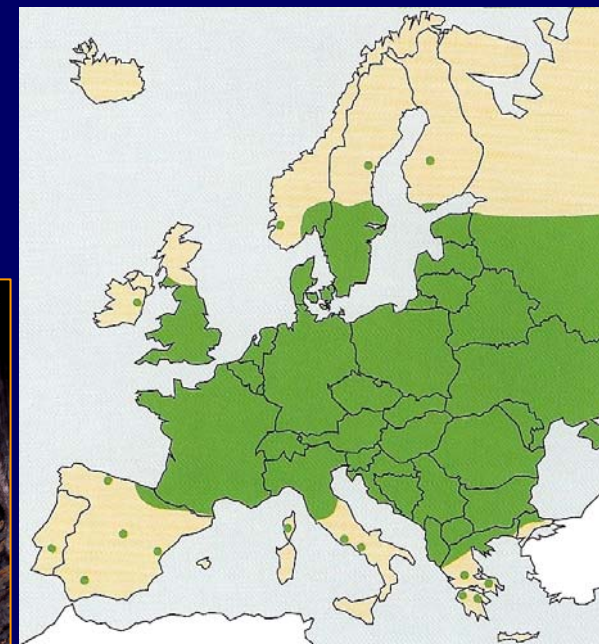
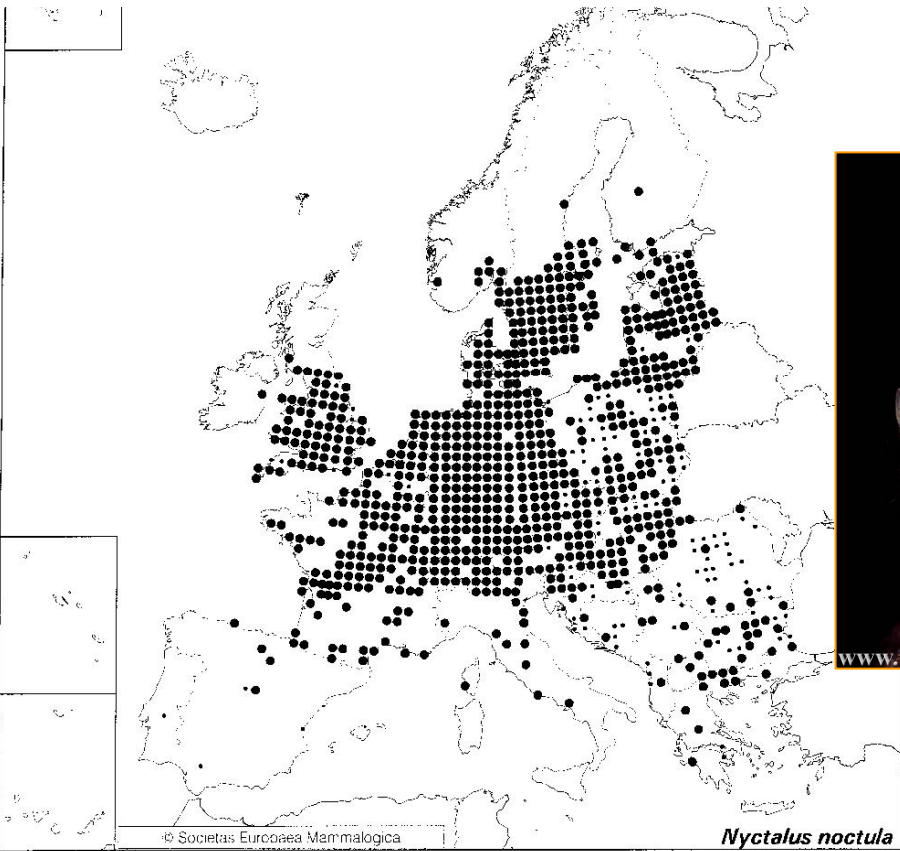
Eptesicus nilssonii



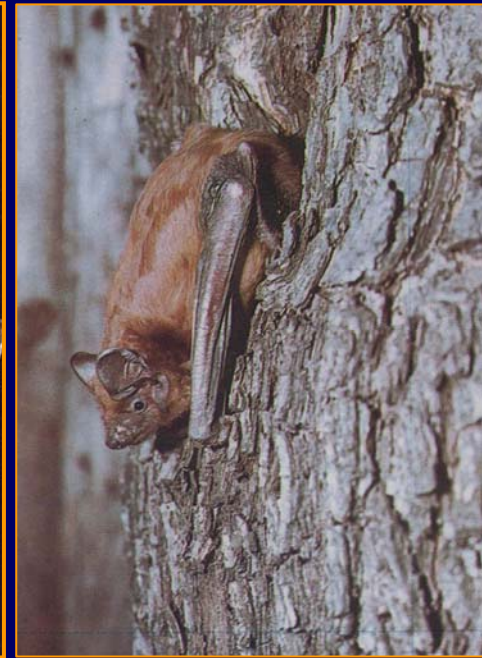
Nyctalus noctula (Schreber, 1774)

- netopýr rezavý

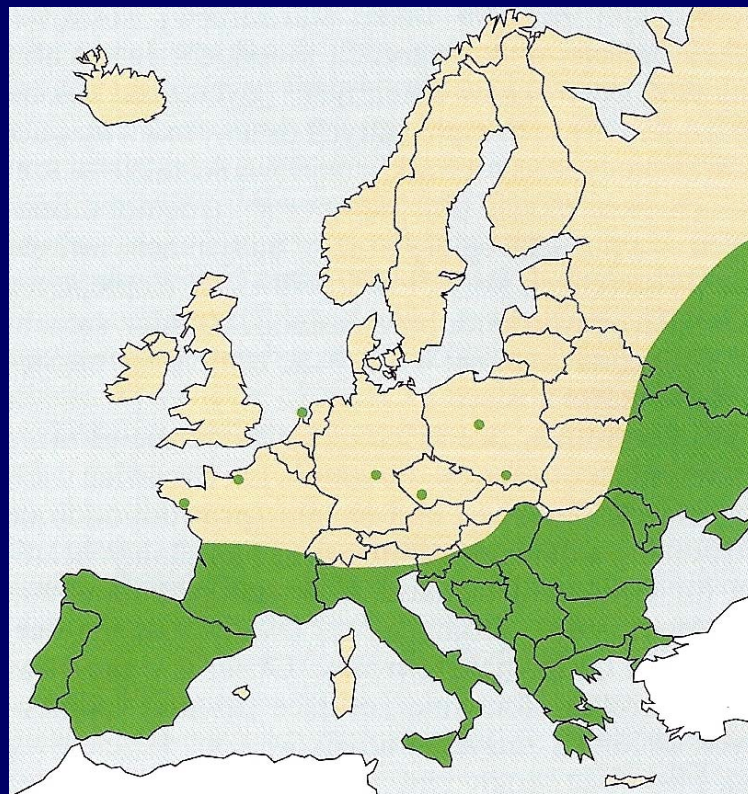
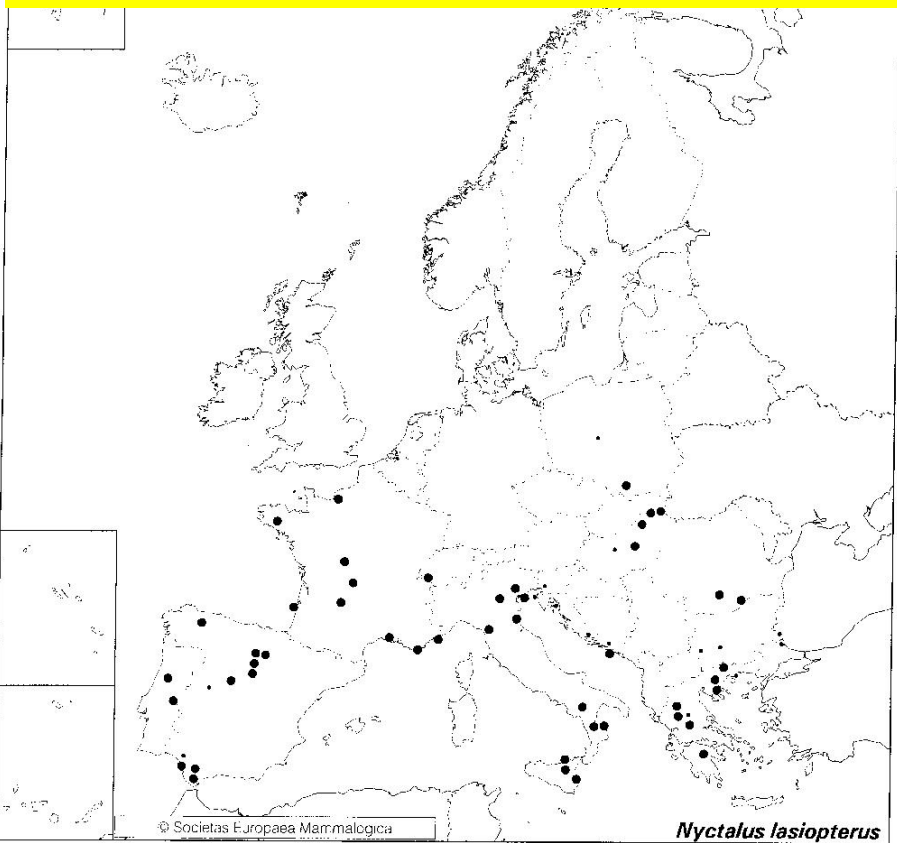
-, -, SO



literature



Nyctalus lasiopterus (Schreber, 1780) - netopýr obrovský

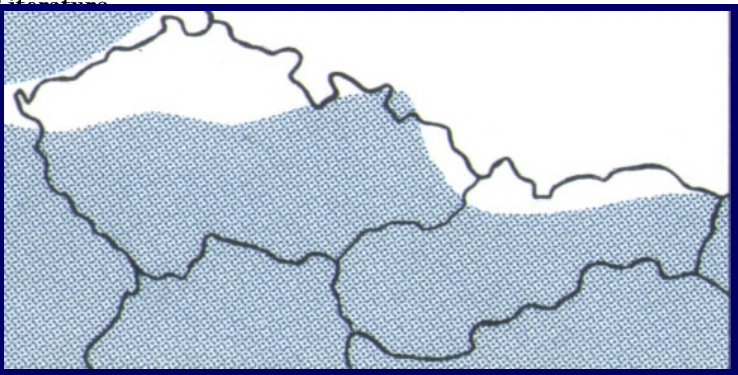
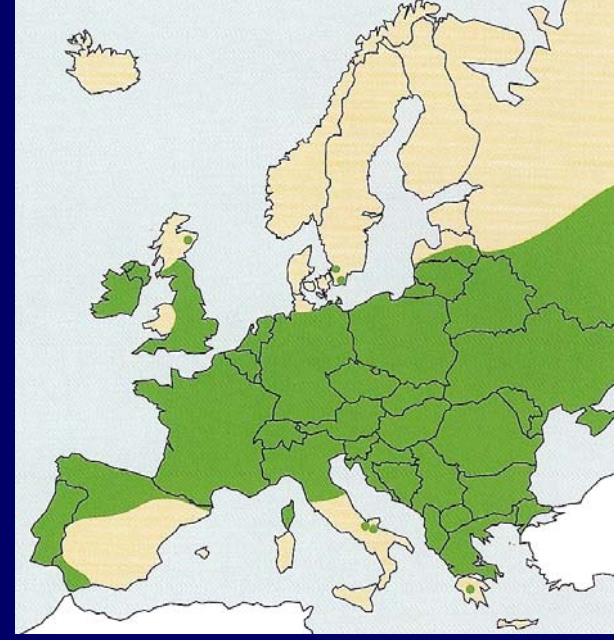
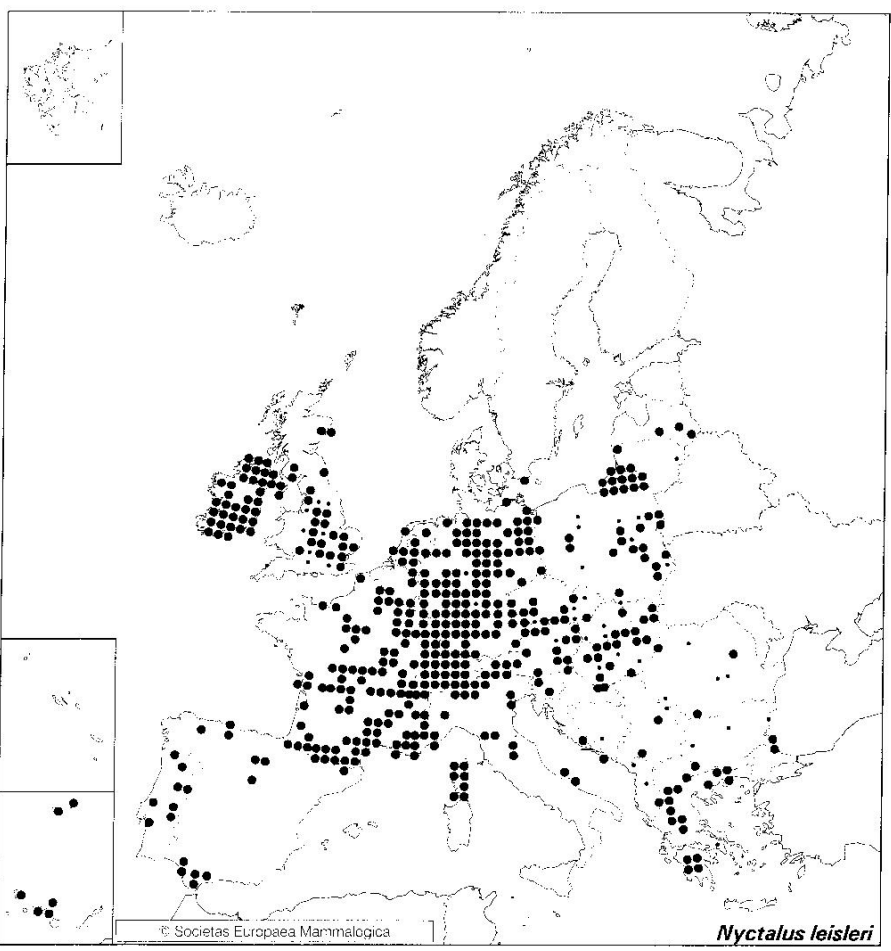


- , - , SO



(с) В. П. Вехник

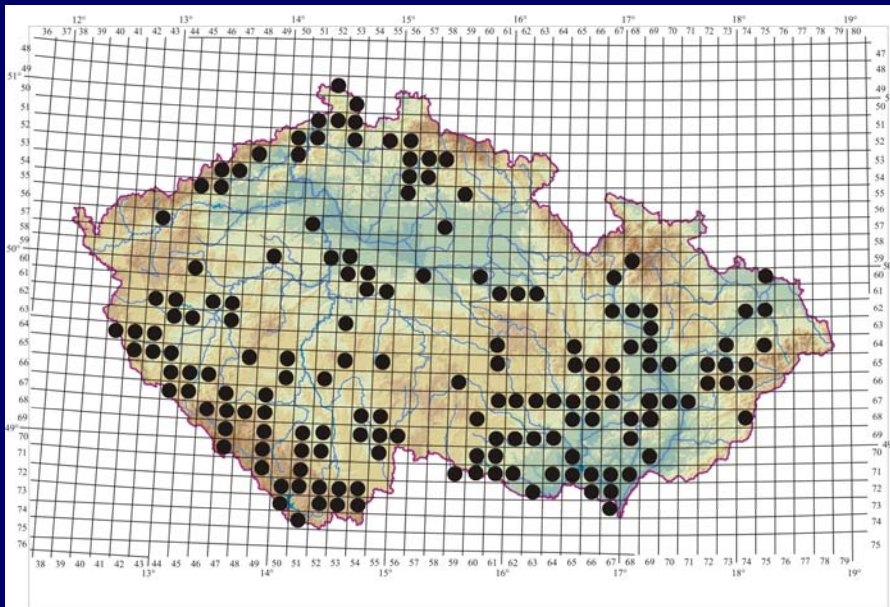
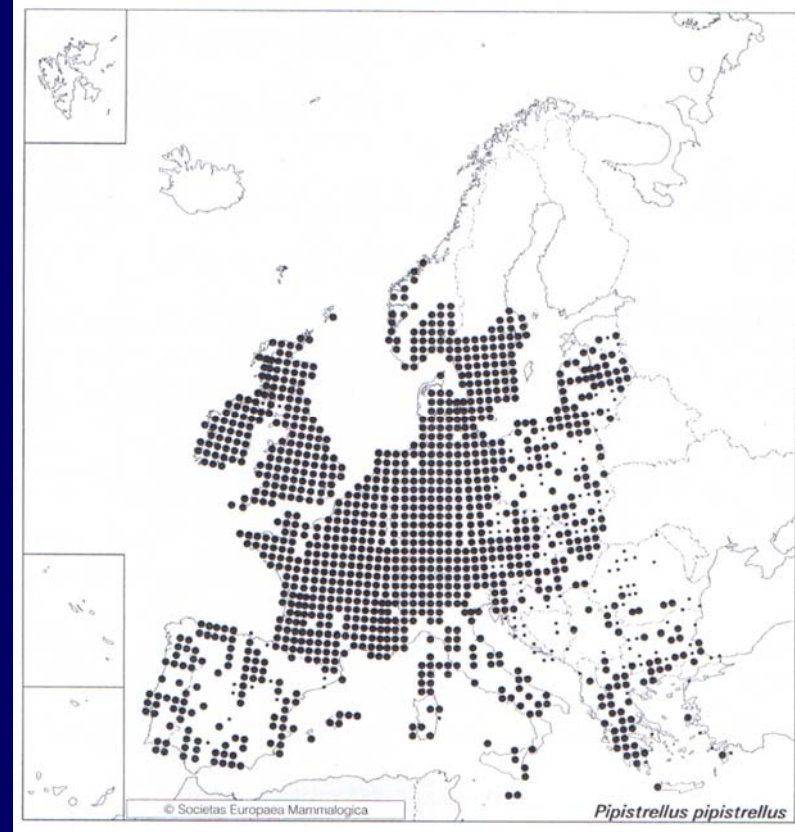
Nyctalus leisleri (Kuhl, 1817) - netopýr stromový



DD, LR/nt, SO



Pipistrellus pipistrellus s.l.

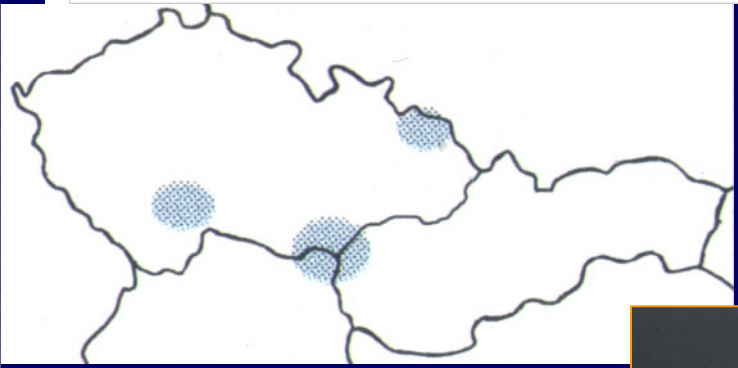
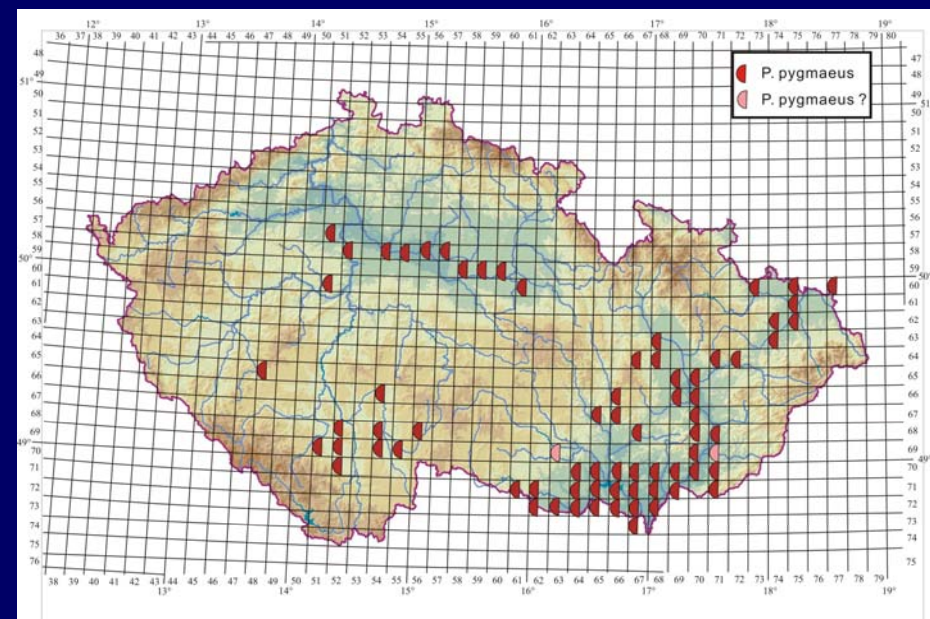
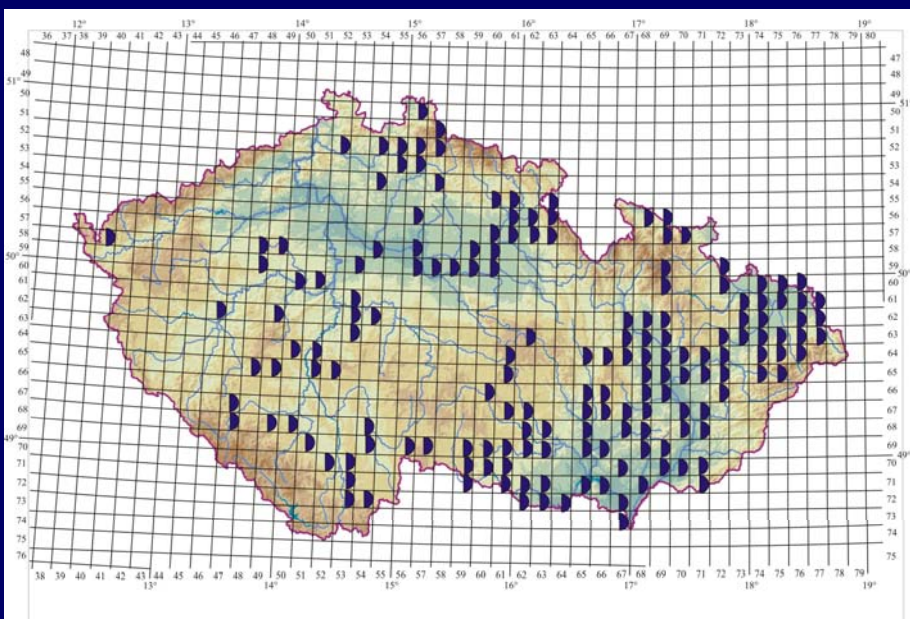


Pipistrellus pipistrellus (Schreber, 1774)

- netopýr hvízdavý

Pipistrellus pygmaeus (Leach, 1825)

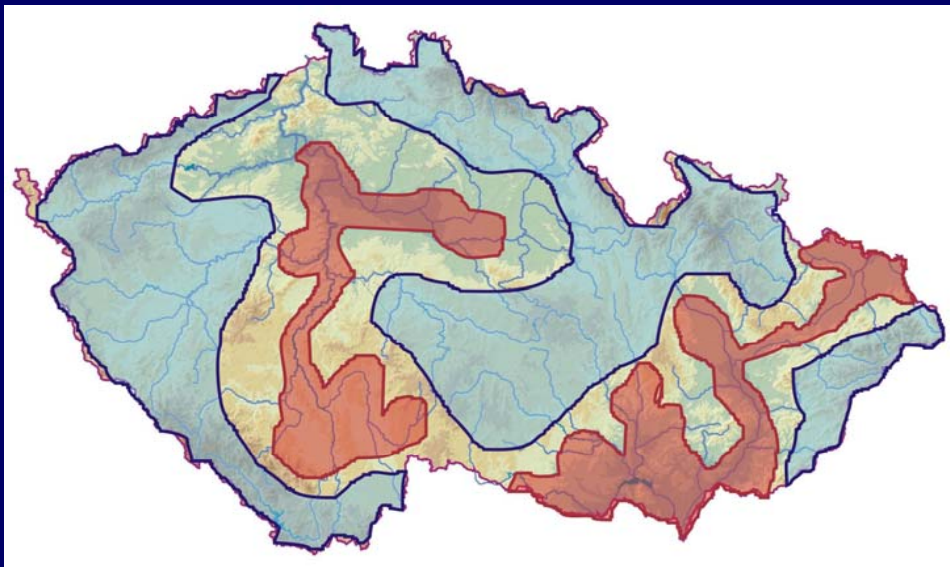
- netopýr nejmenší



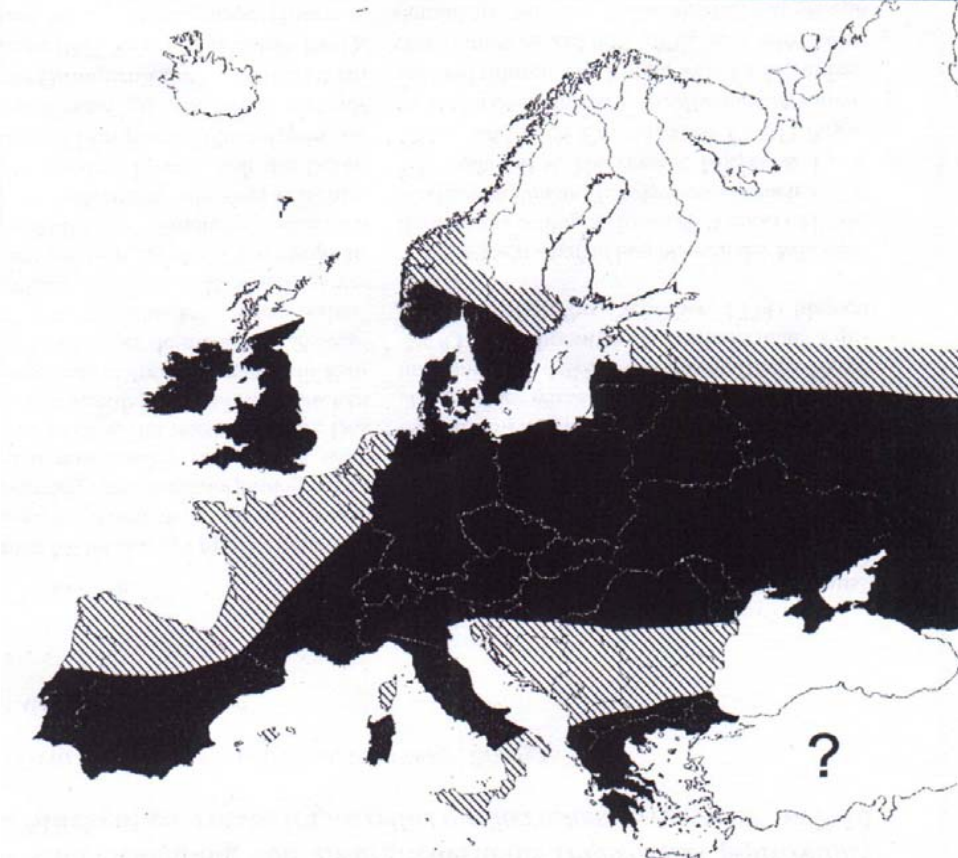
-, -, SO

DD, -, SO

■ zóna allopatrie *P. pipistrellus*



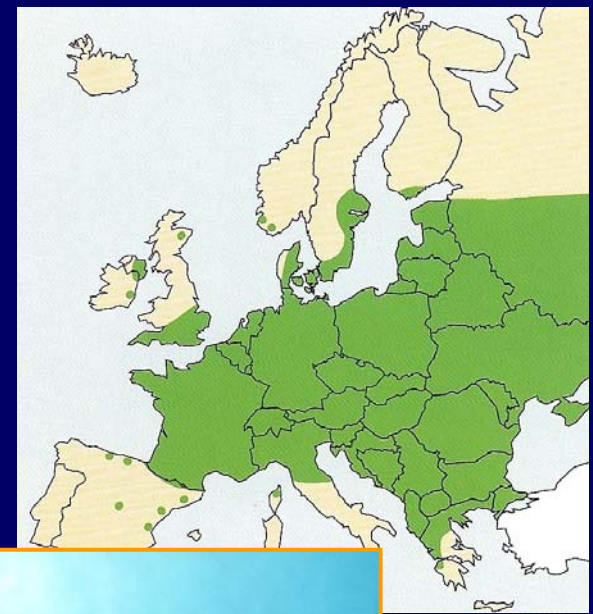
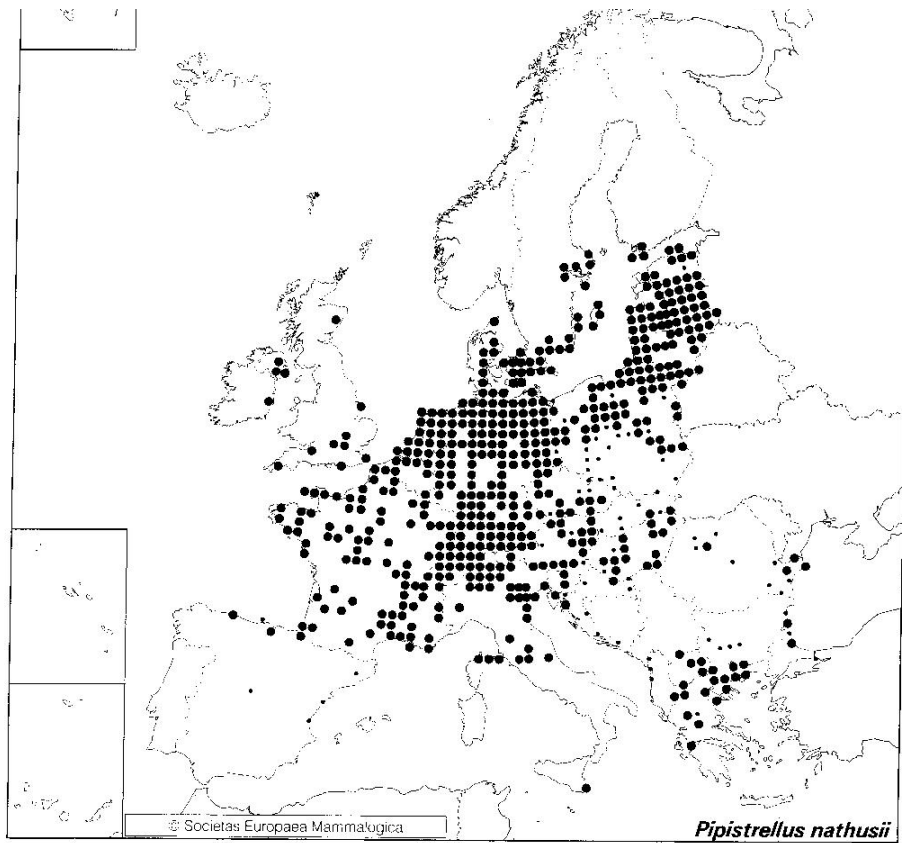
■ minimální zóna sympatrie



■ zóna sympatrie

▨ zóna allopatrie *P. pipistrellus* s.s.

Pipistrellus nathusii (Keyserling et Blasius, 1839) – netopýr parkový

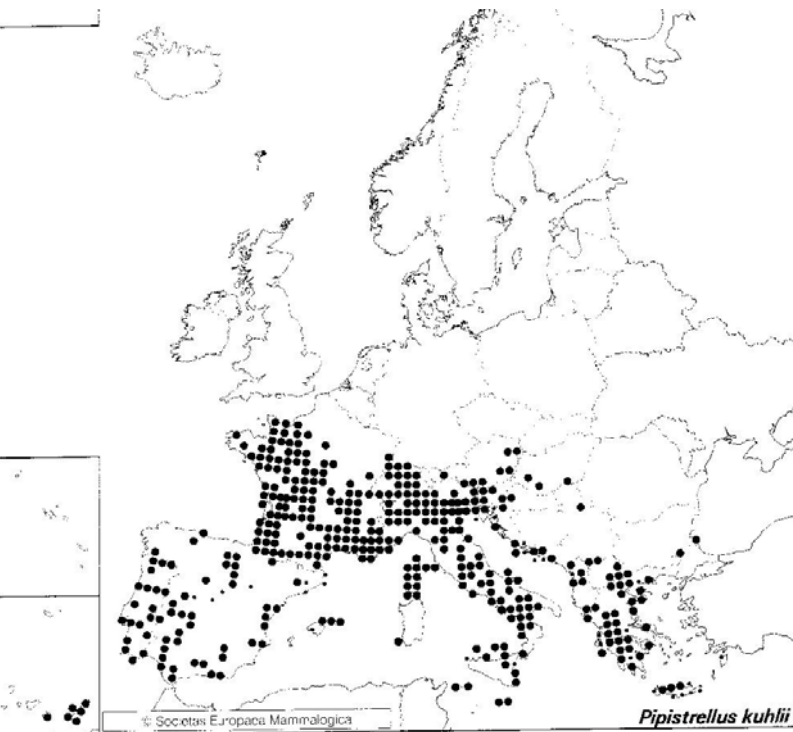


Literatura

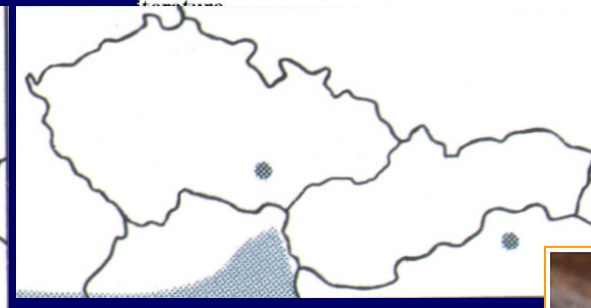
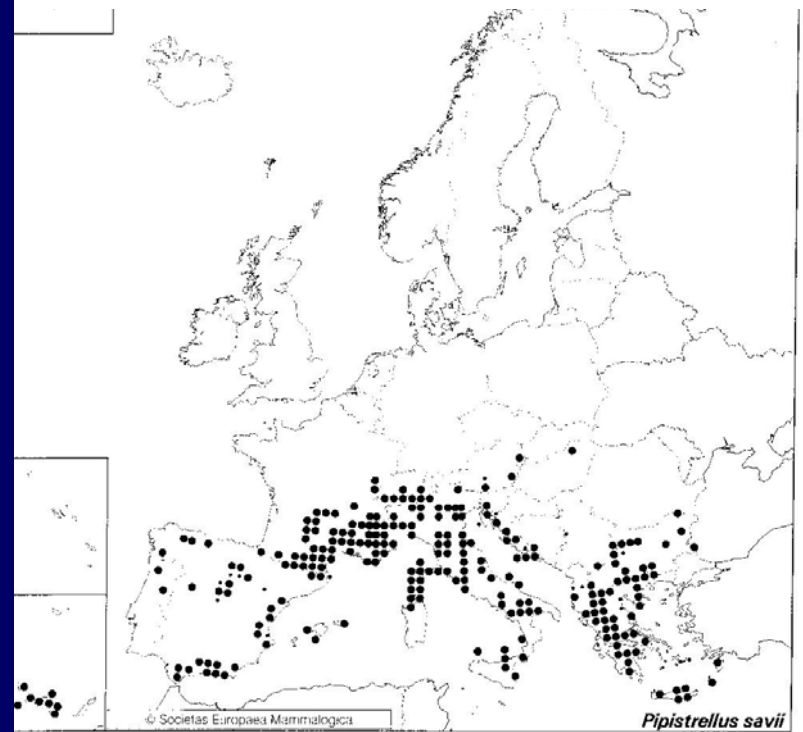


DD, -, SO

Pipistrellus kuhlii (Kuhl, 1817)
- netopýr jižní



Hypsugo savii (Bonaparte, 1837) -
netopýr Saviův



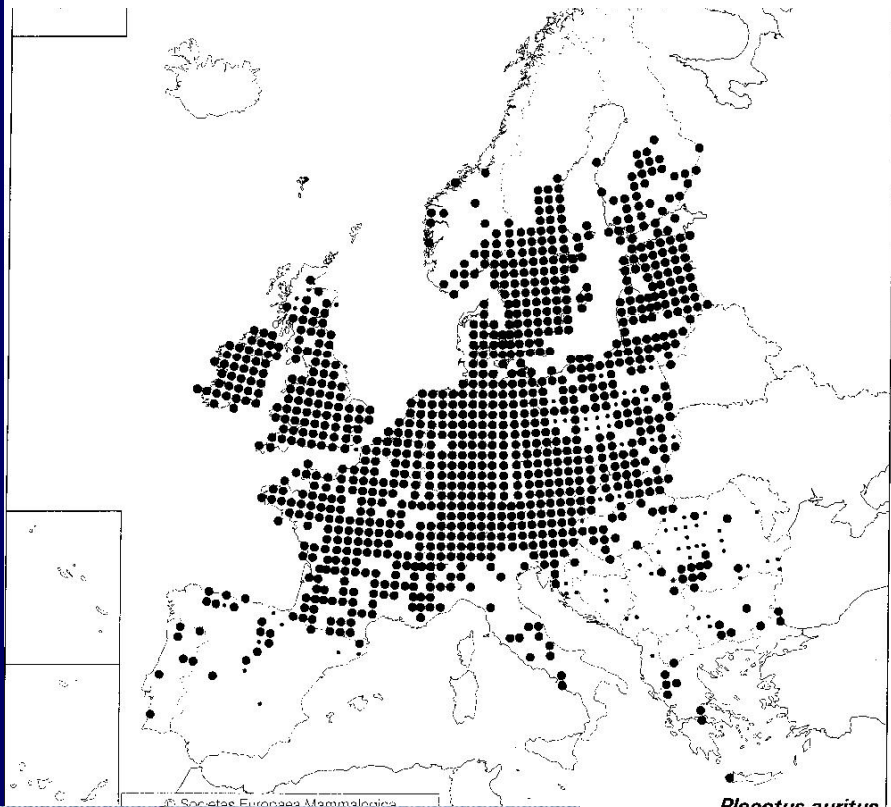
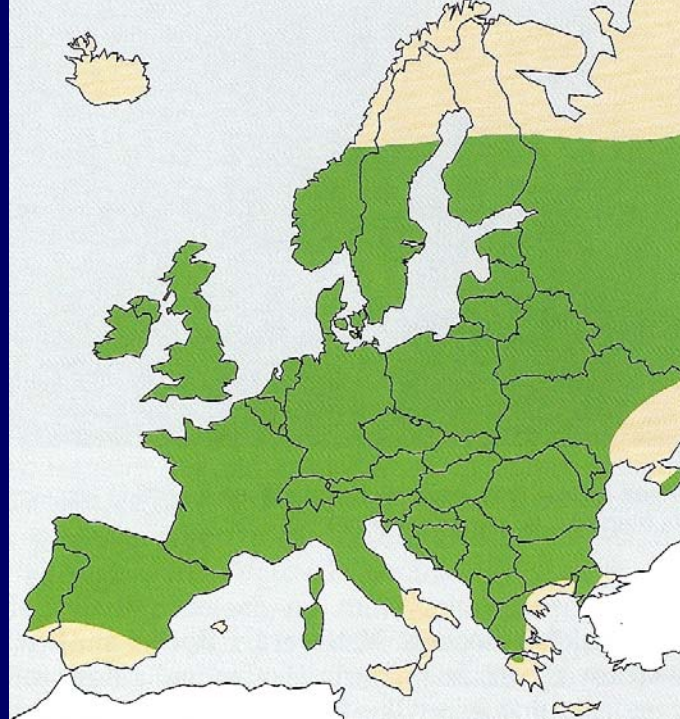
SR-2006 (r-2007)
ČR-2007
-, -, SO

SR-2003 (r-2007)
ČR-2001 (r-2006)
DD, -, SO

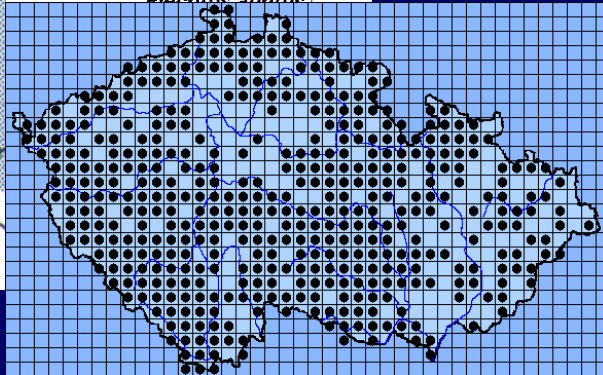


Plecotus auritus (Linnaeus, 1758) -
netopýr (vrásnič) ušatý

-, -, SO



72%

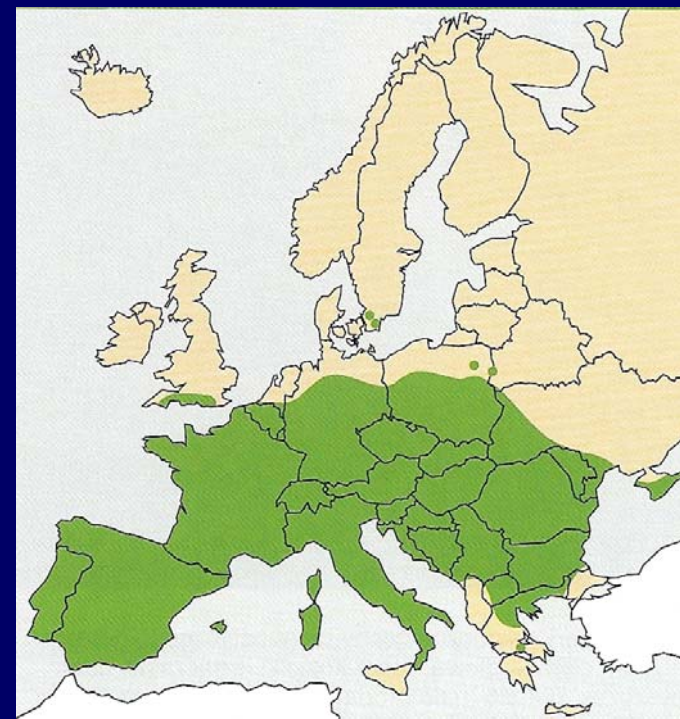
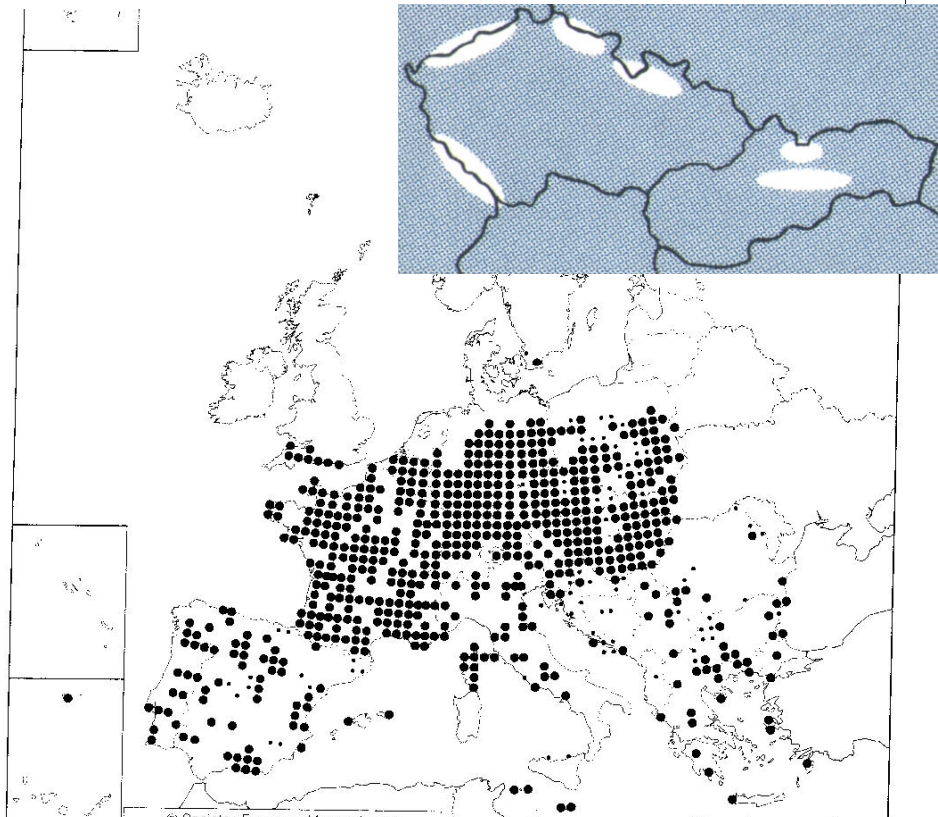


NABU S.H./T. Stephan

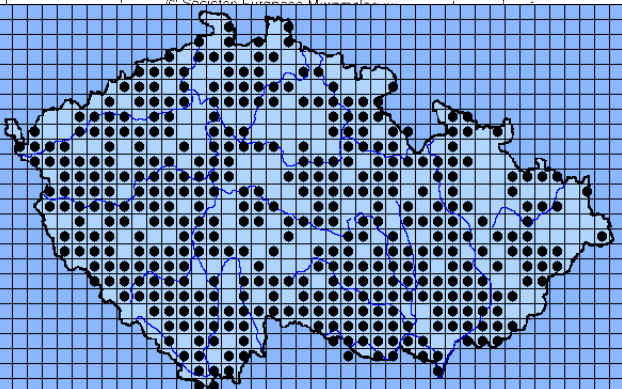
Plecotus austriacus (Fischer, 1829)

- netopýr (vrásnič) dlouhouchý

-, -, SO



65%

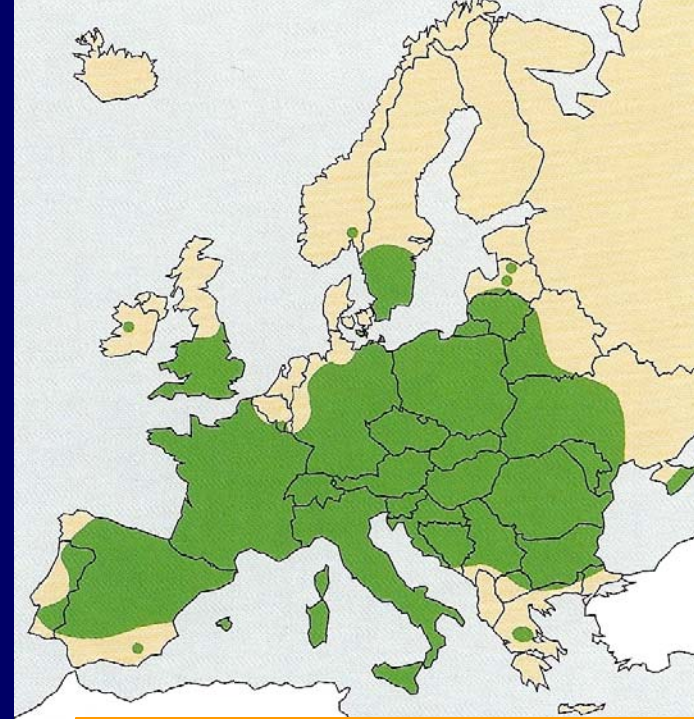
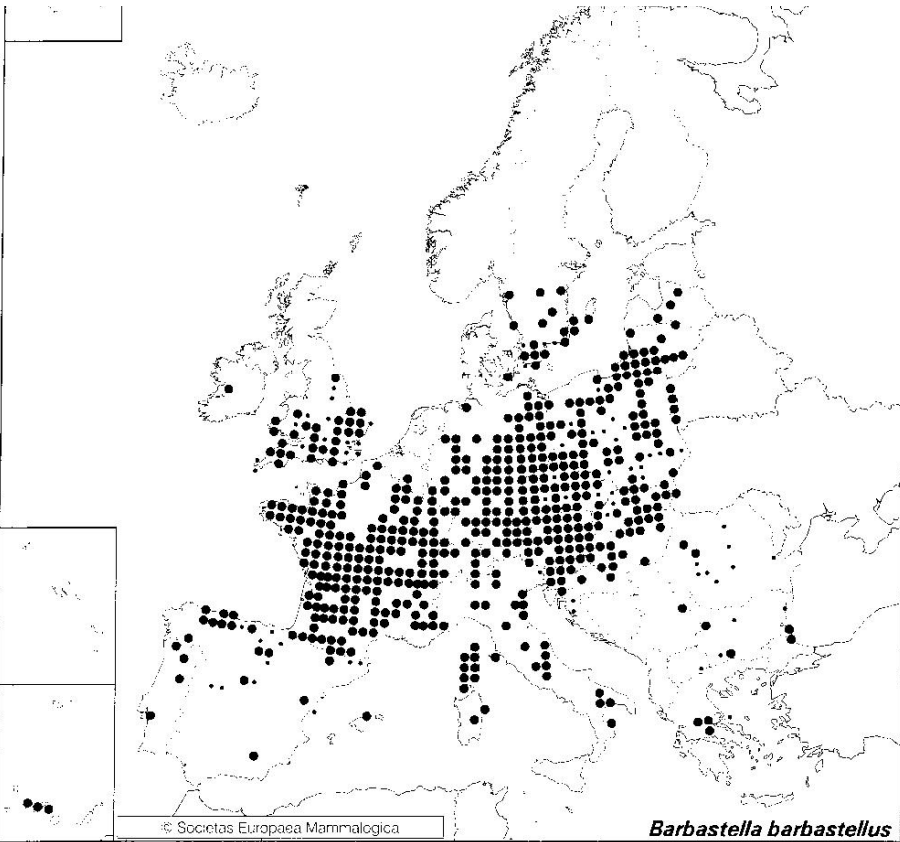


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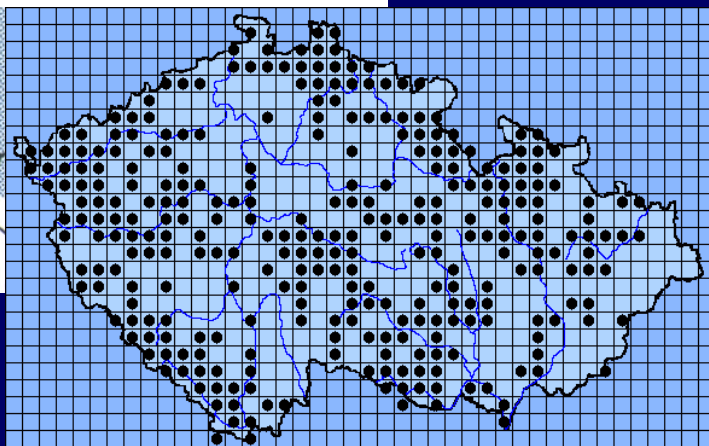
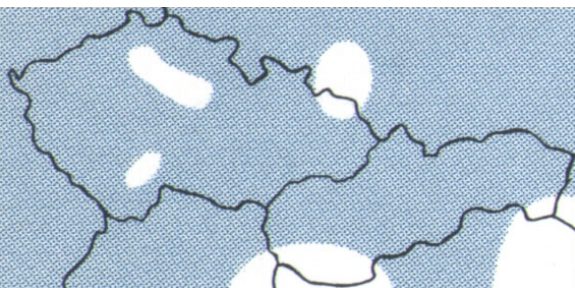
© Miloš Anděra

Barbastella barbastellus (Schreber, 1774) -
netopýr černý

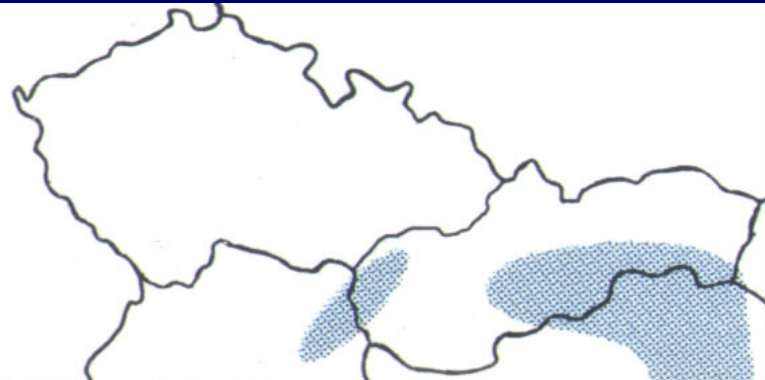
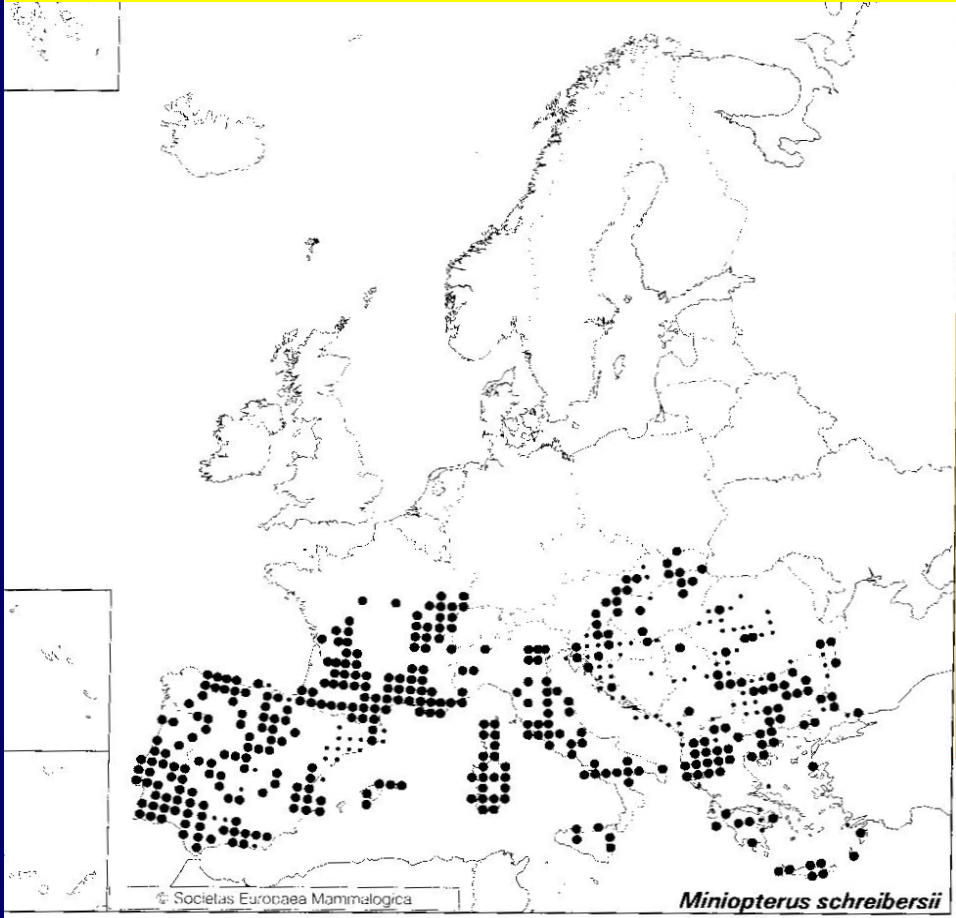
-, -, KO



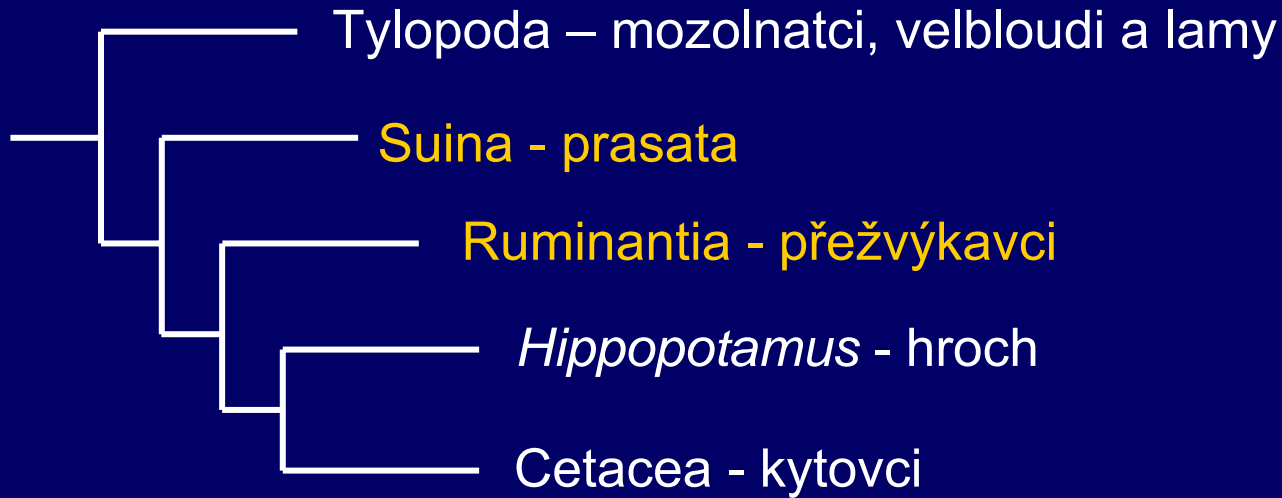
48%



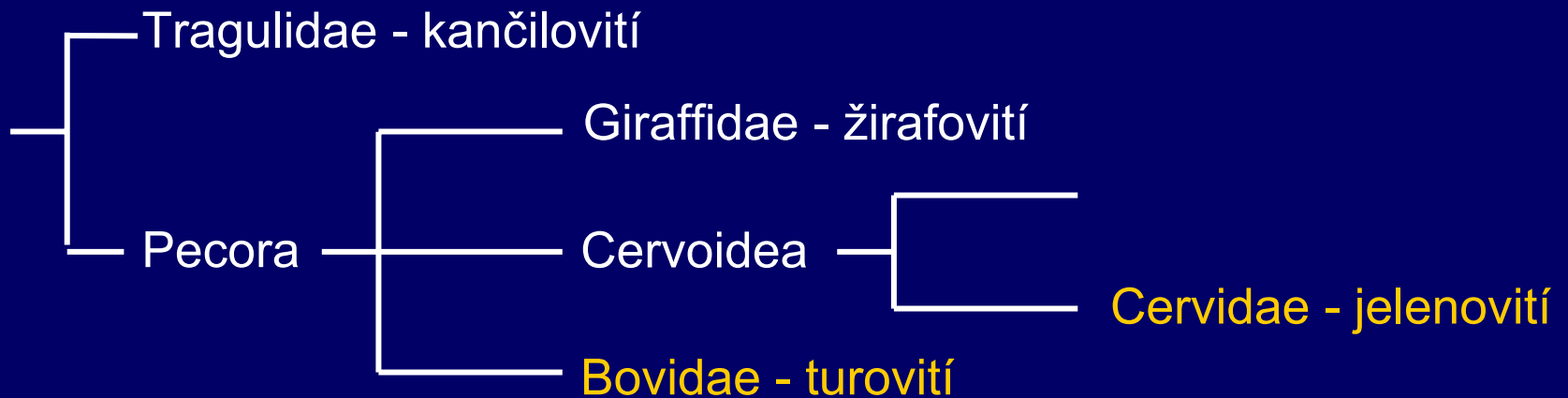
Miniopterus schreibersii (Kuhl, 1817) -
létavec stěhovavý



Cetartiodactyla – sudokopytníci (+ kytovci)



Ruminantia



Artiodactyla - sudokopytníci

Suidae - prasatovití

Sus scropha Linnaeus, 1758 - prase divoké

Corvidae - jelenovití

Capreolus capreolus (Linnaeus, 1758) - srnec obecný

Alces alces (Linnaeus, 1758) - los

Odocoileus virginianus (Zimmermann, 1780)

Cervus elaphus Linnaeus, 1758 - jelen lesní

Cervus nippon Temminck, 1838 - sika

Dama dama (Linnaeus, 1758) - daněk evropský

Bovidae - turovití

Capra aegagrus Erxleben, 1777 - koza bezoárová

Rupicapra rupicapra (Linnaeus, 1758) - kamzík horský

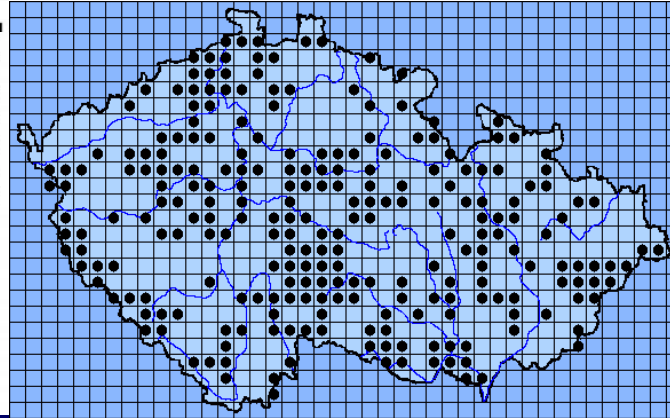
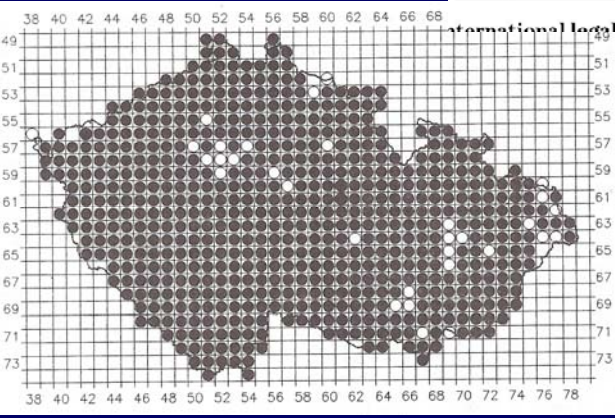
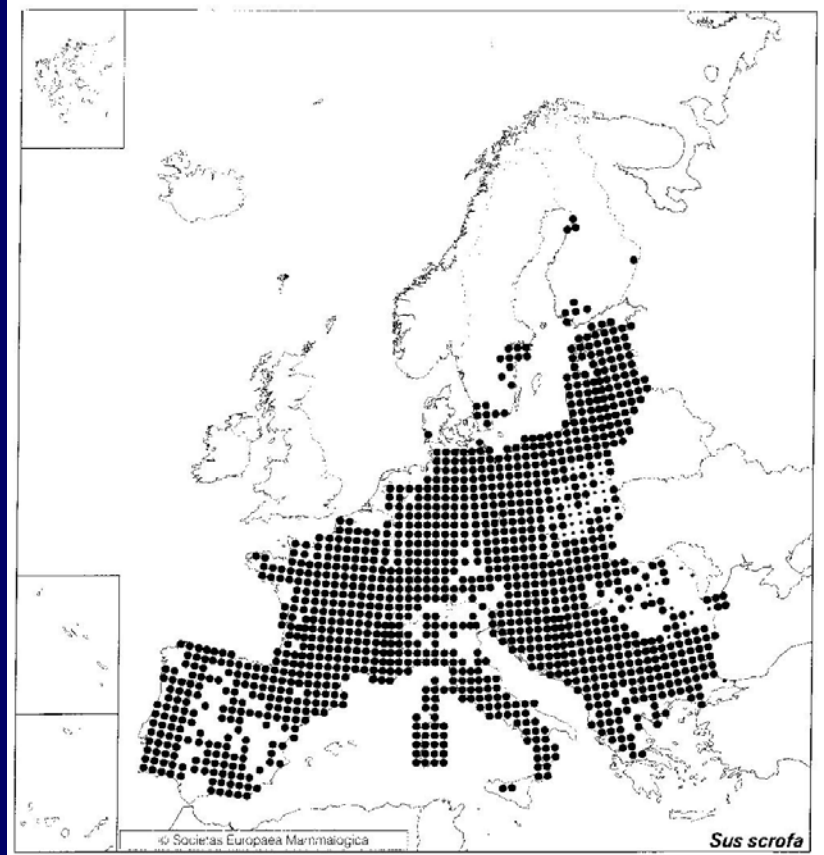
Ovis musimon Pallas, 1811 - muflon

Ammotragus lervia (Pallas, 1777) - paovce hřivnatá

Bison bonasus (Linnaeus, 1758) - zubr

Sus scropha Linnaeus, 1758

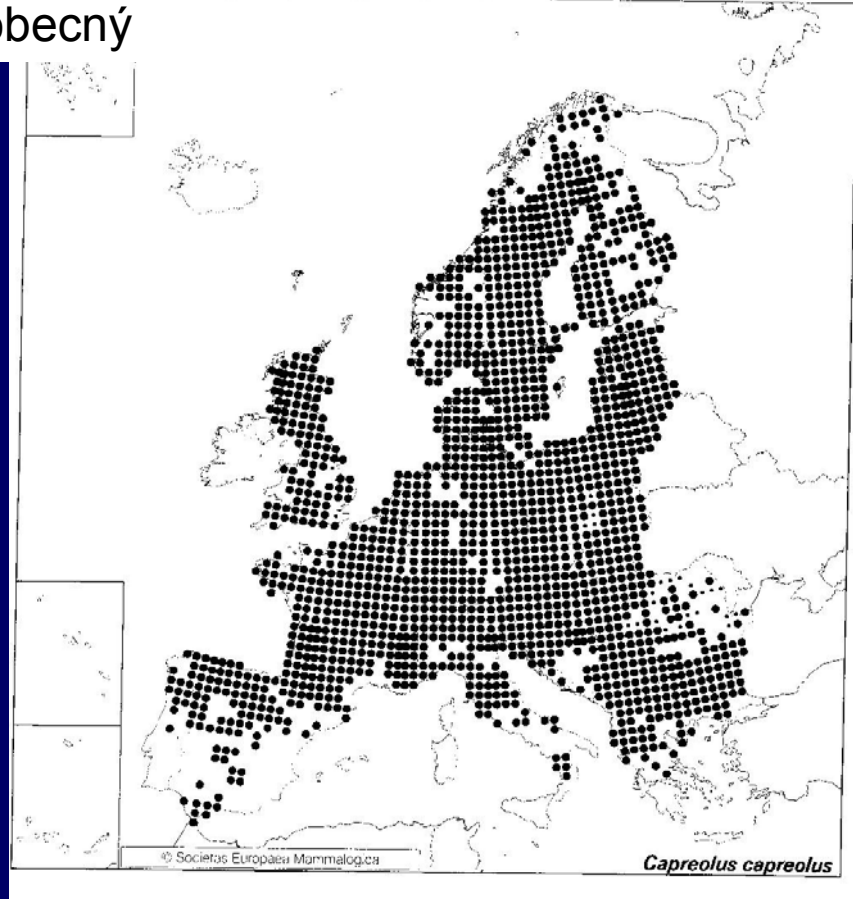
- prase divoké



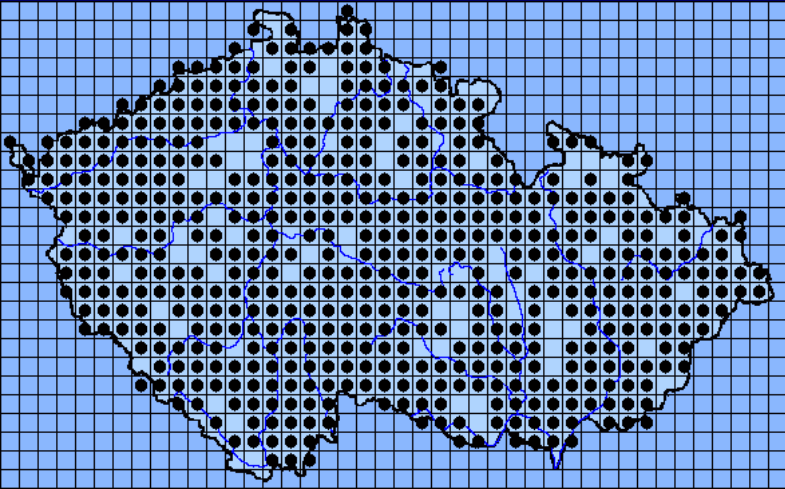
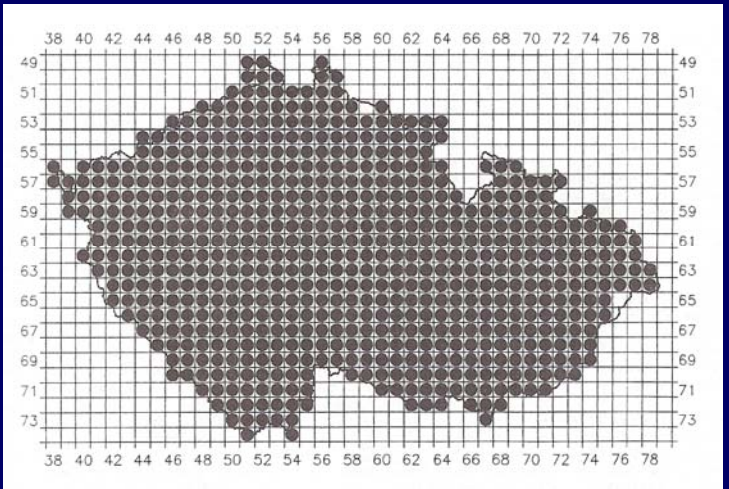
Capreolus capreolus (Linnaeus, 1758) - srnec obecný



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www.hlasek.com
Capreolus capreolus aa3029



85 %

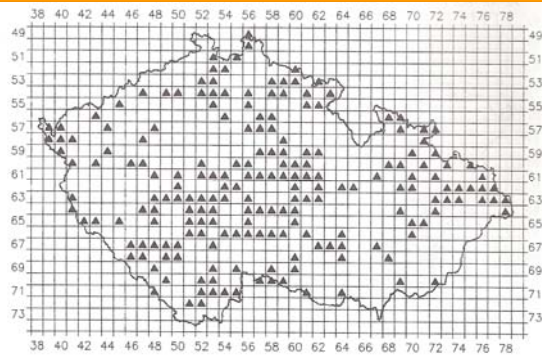
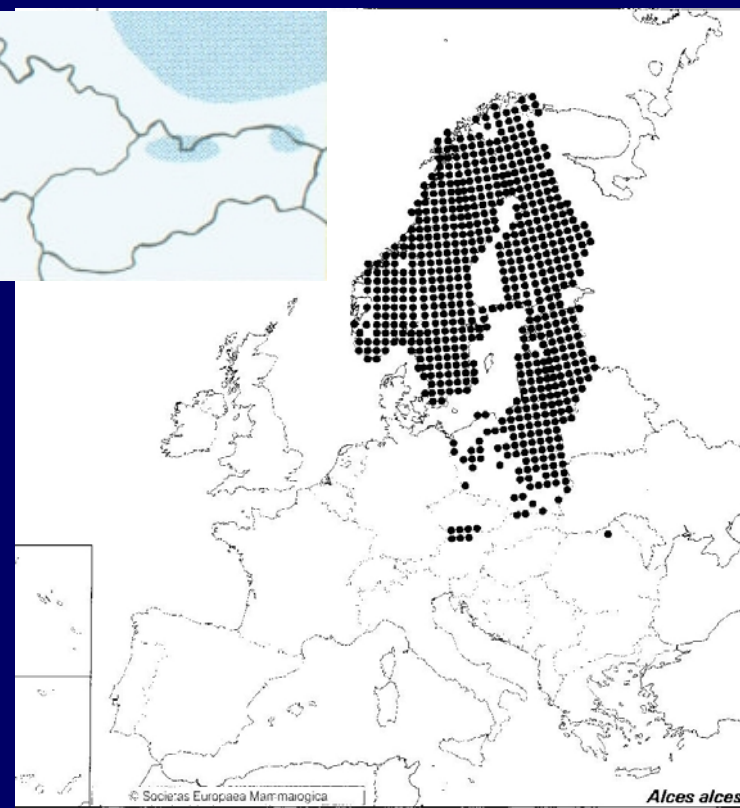


Alces alces (Linnaeus, 1758) - los

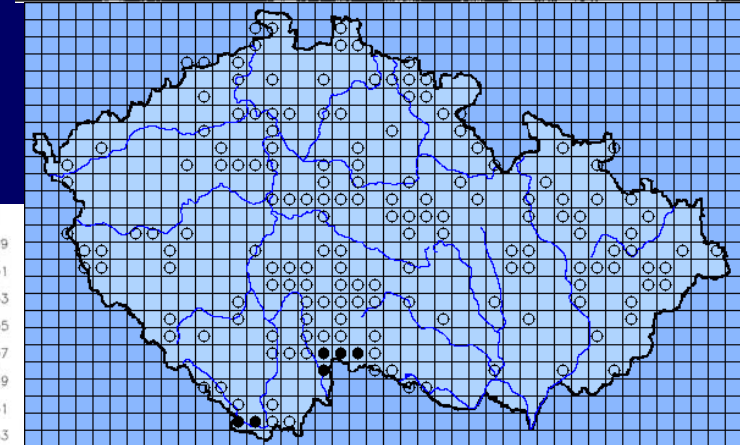
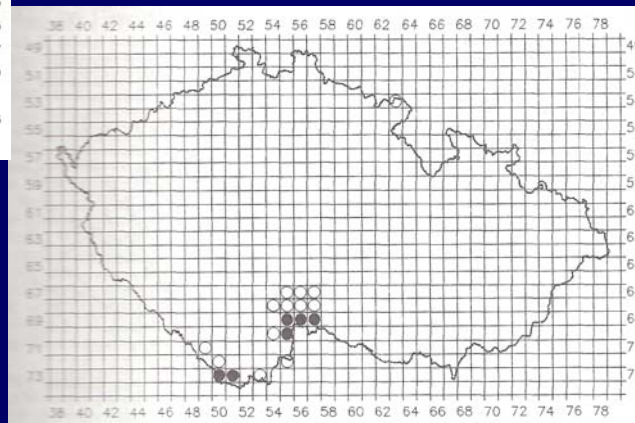


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www.hlasek.com
Alces alces 6630

EN, -, SO

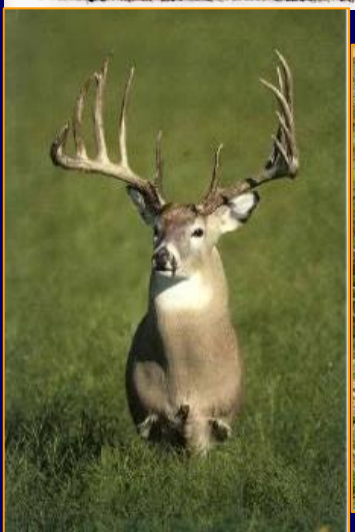
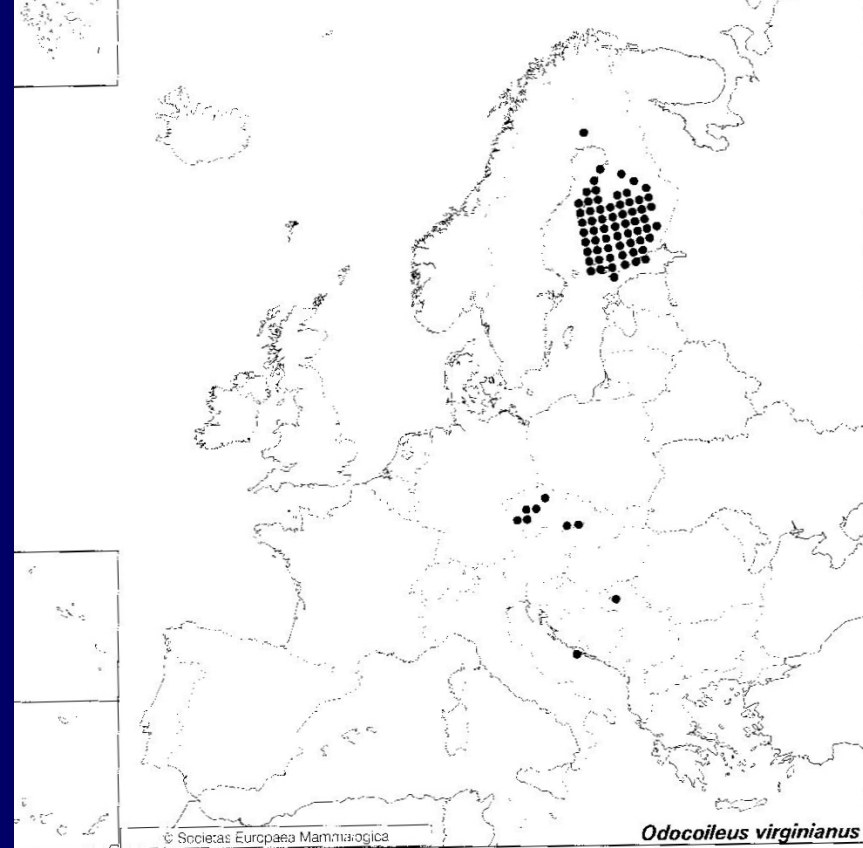


1 %

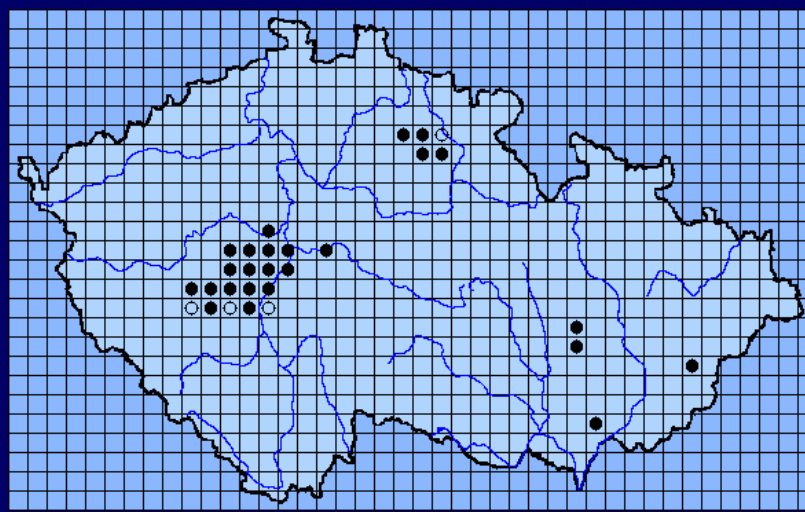


Alces alces

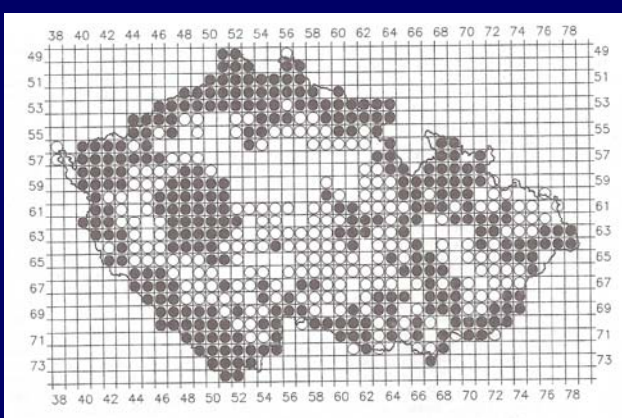
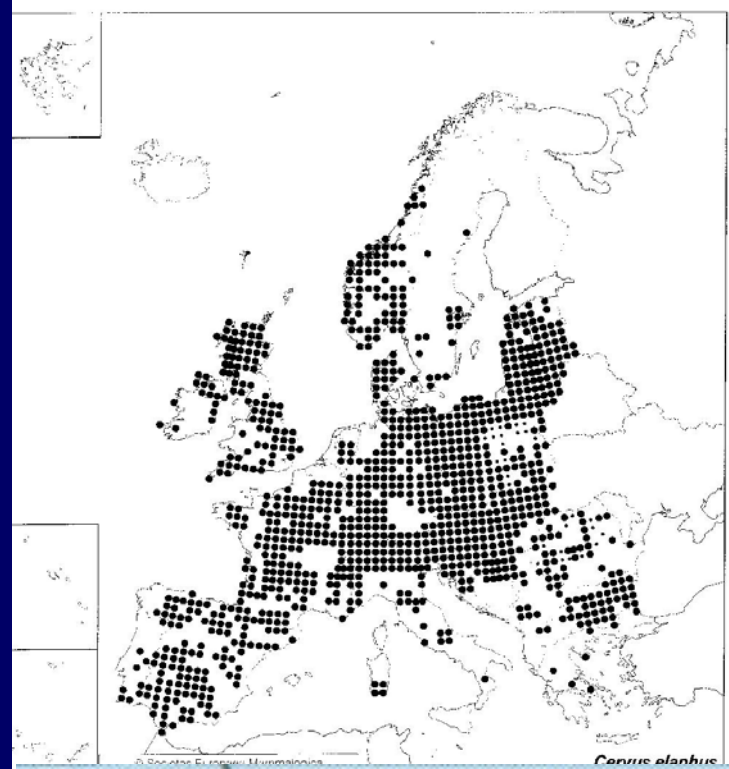
Odocoileus virginianus (Zimmermann, 1780)



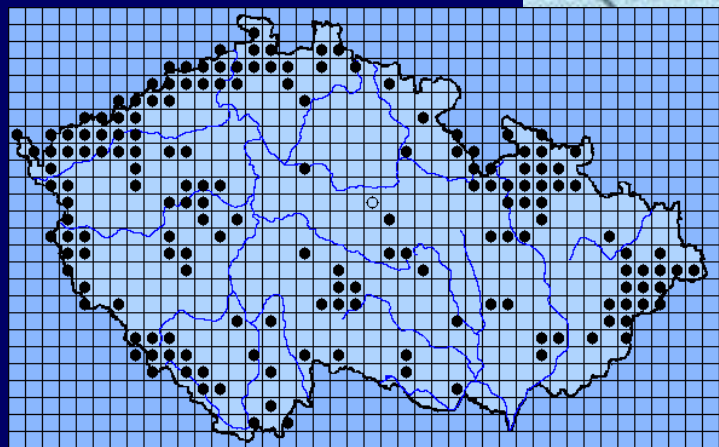
4 %



Cervus elaphus Linnaeus, 1758 - jelen lesní

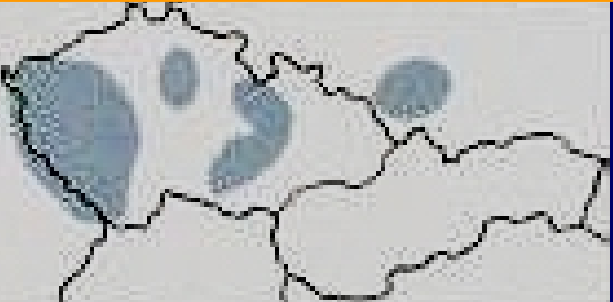
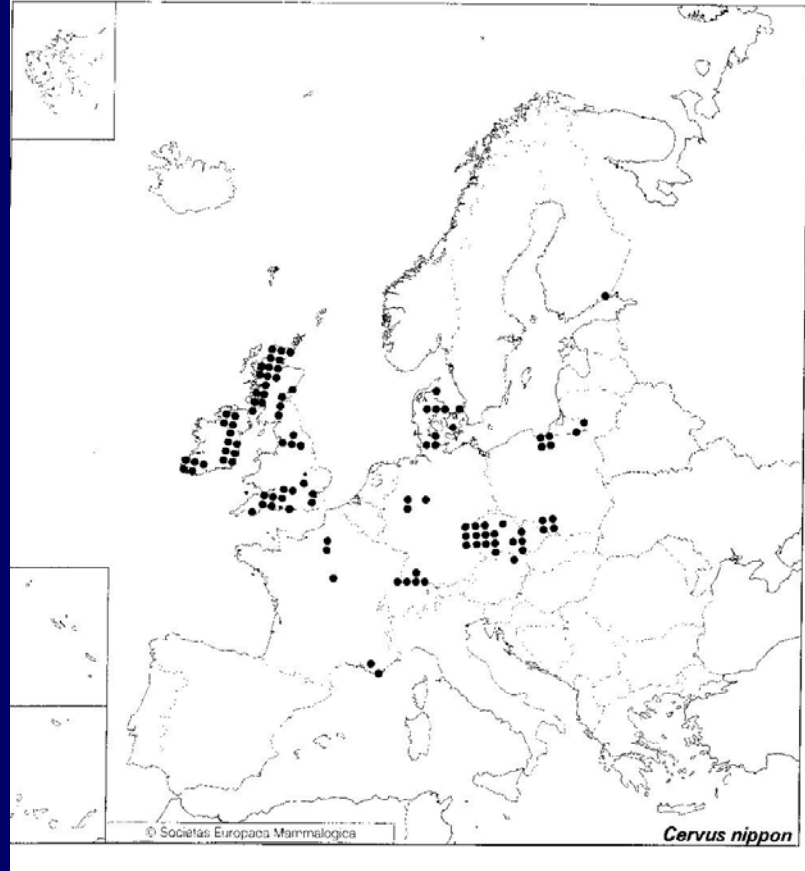


27 %

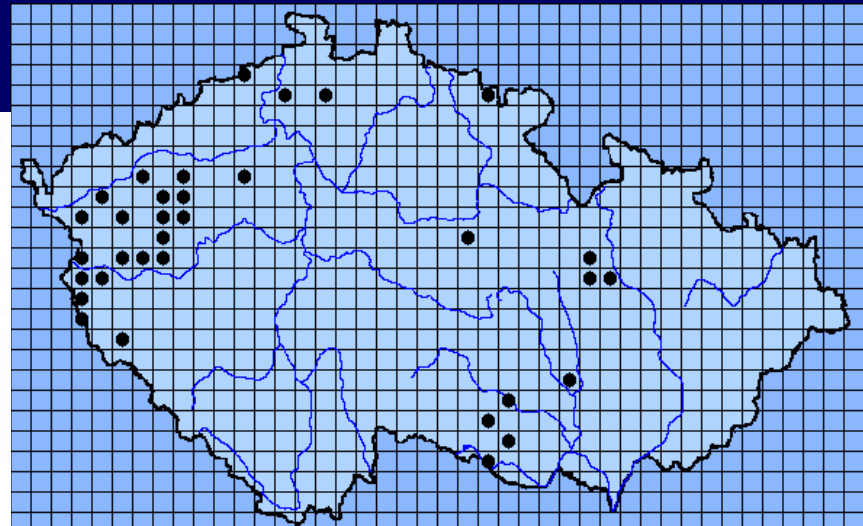
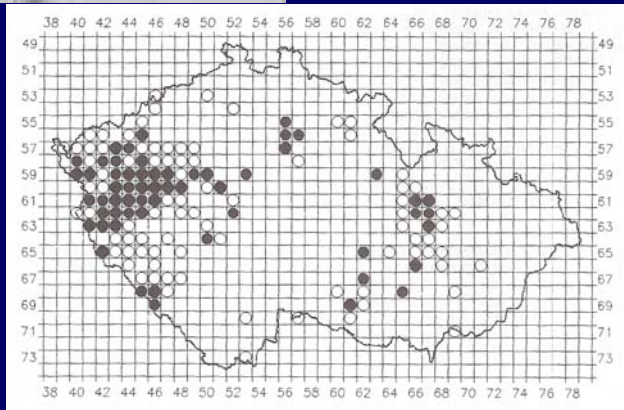


Cervus nippon Temminck, 1838 - sika

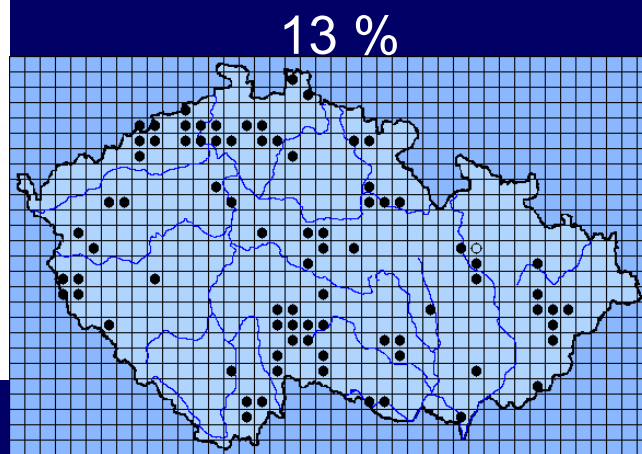
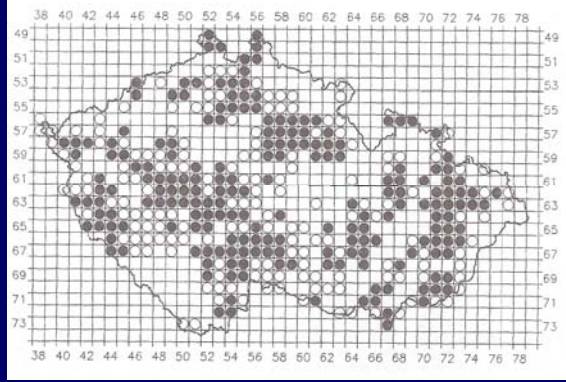
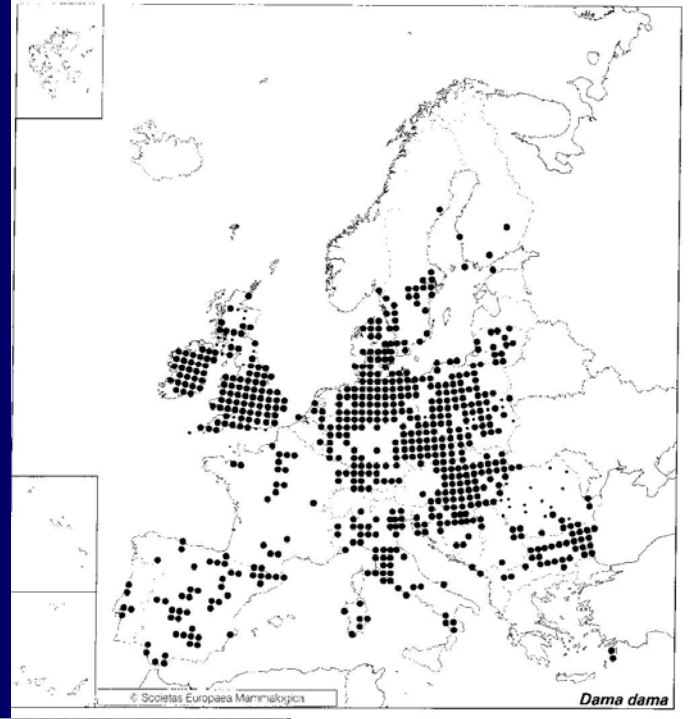
@ Eva Hejda



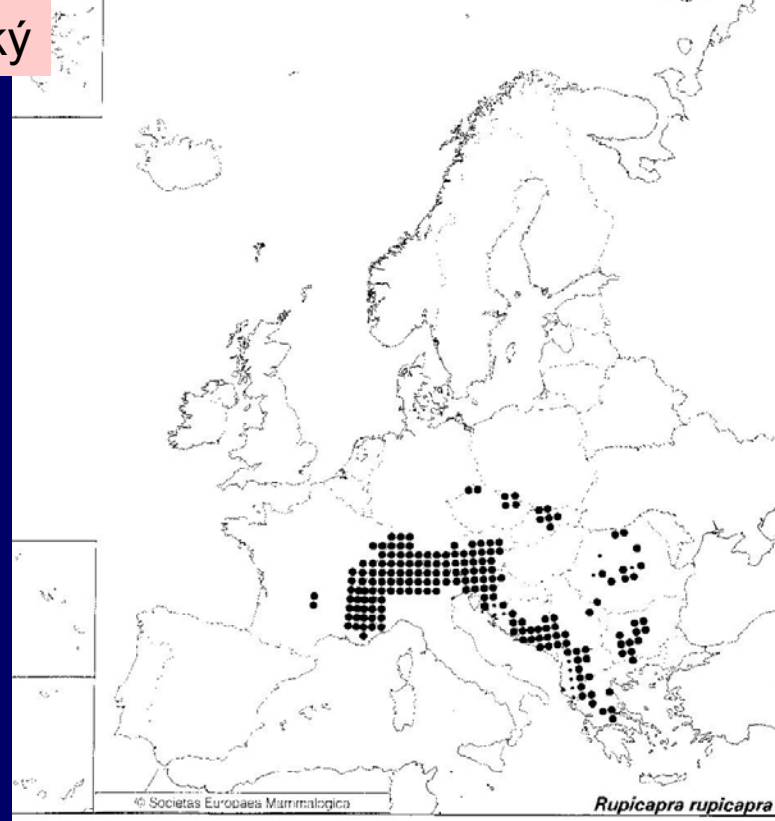
6 %



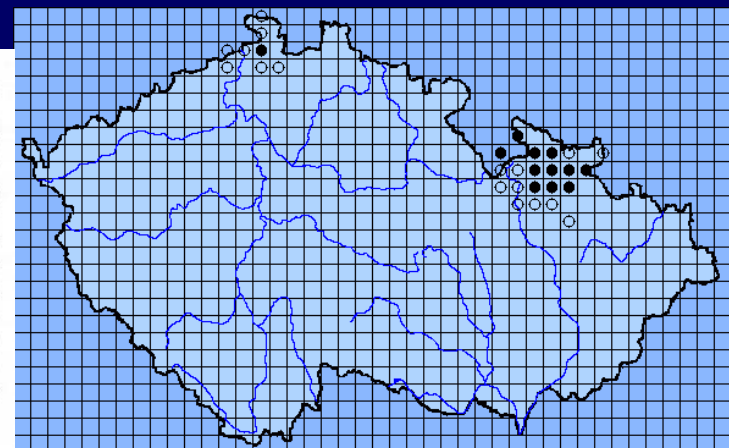
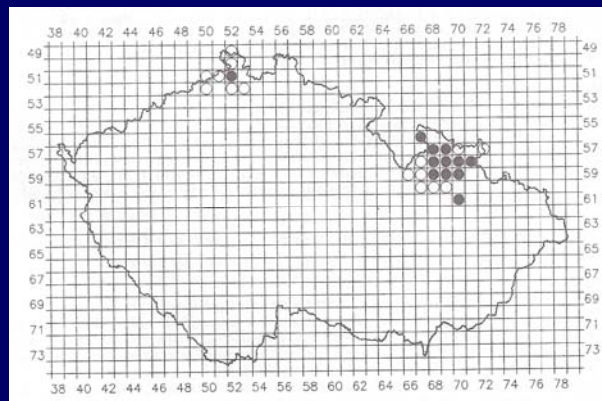
Cervus dama (Linnaeus, 1758) - daněk evropský



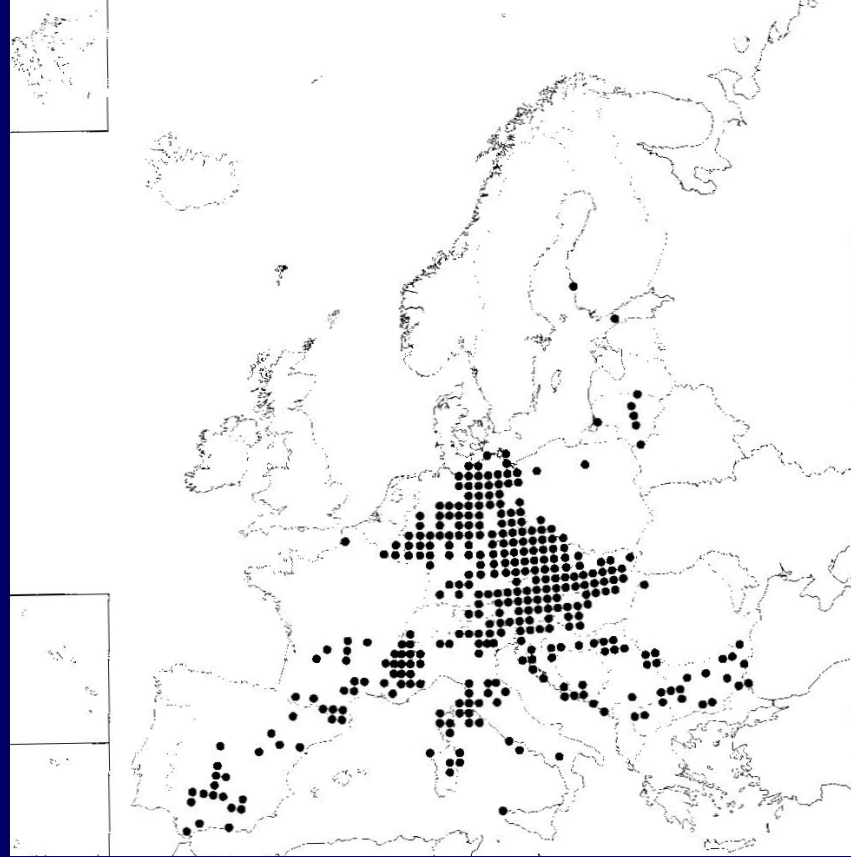
Rupicapra rupicapra (Linnaeus, 1758) - kamzík horský



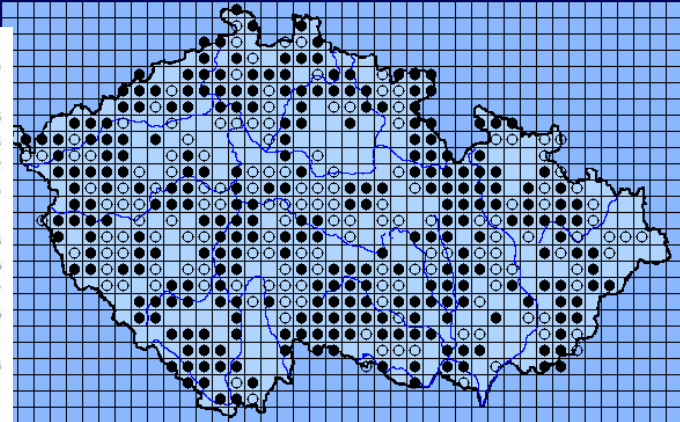
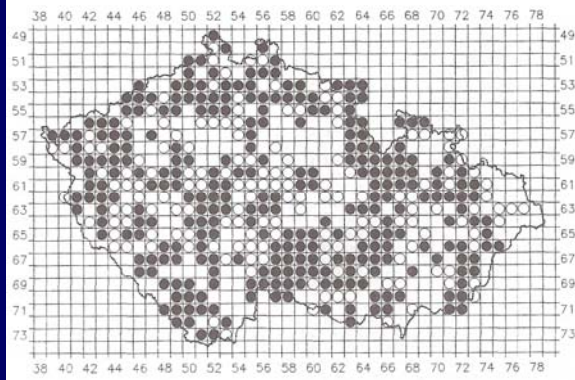
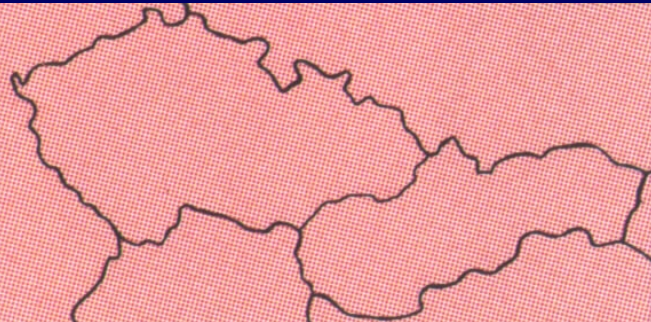
13 %



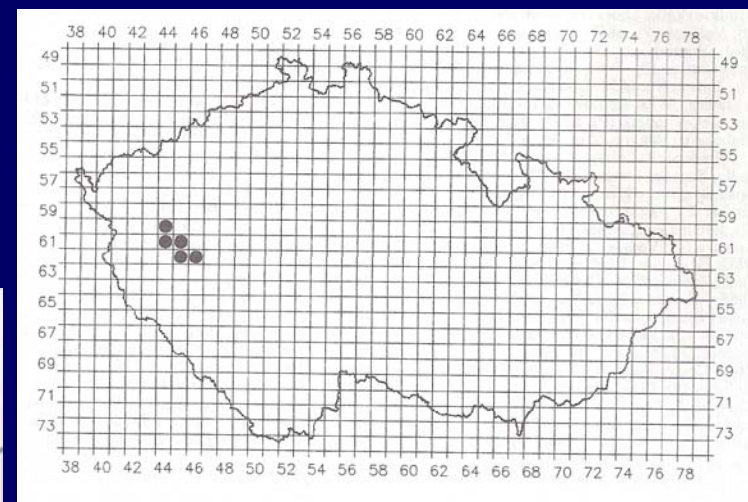
Ovis musimon Pallas, 1811 - muflon



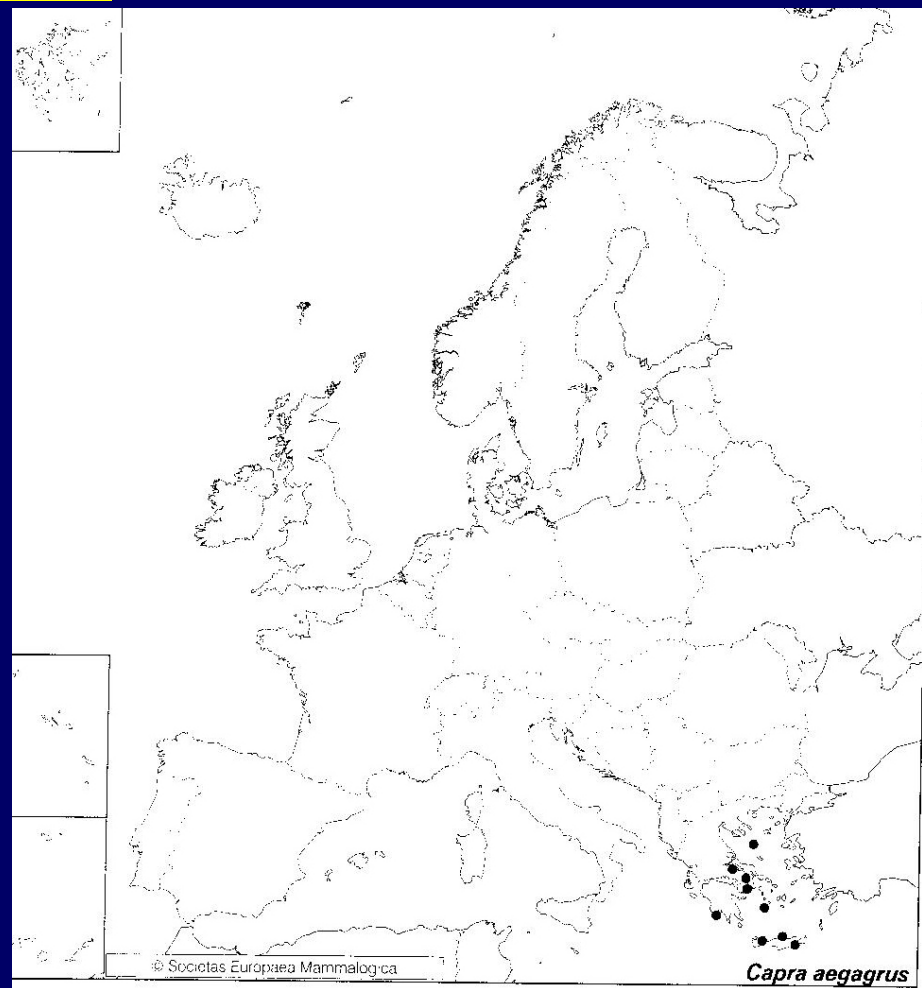
45 %



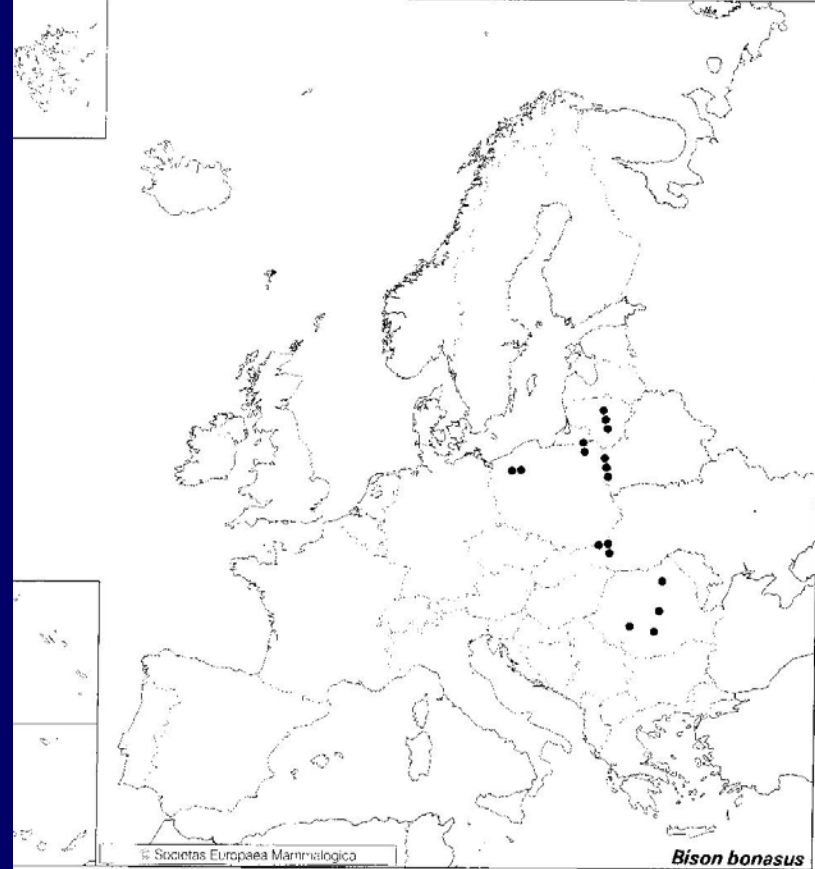
Ammotragus lervia (Pallas, 1777)
- paovce hřivnatá



Capra aegagrus Erxleben, 1777 - koza bezoárová

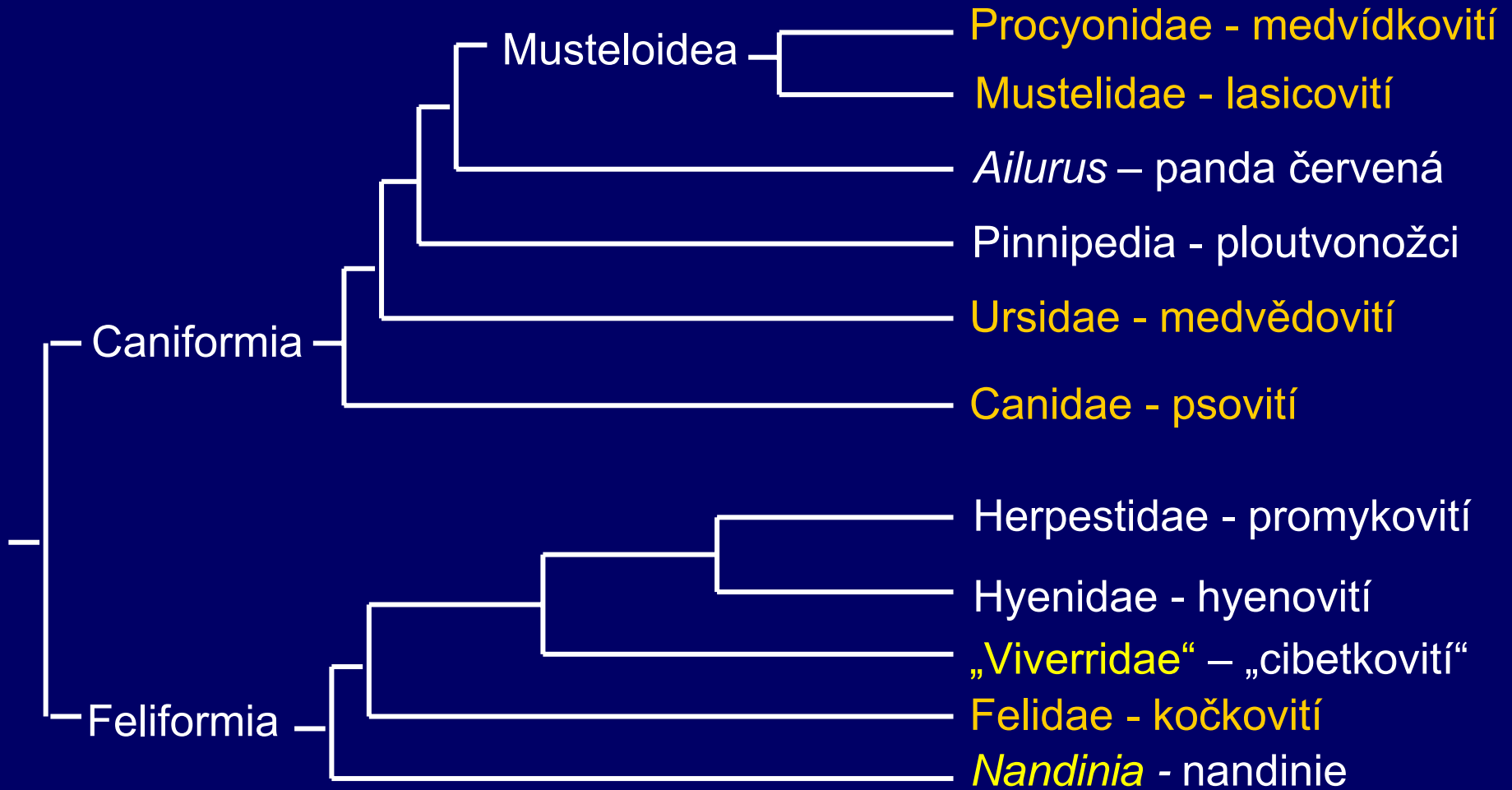


Bison bonasus (Linnaeus, 1758) - zubr



RE, EN , -

Carnivora - šelmy



Procyonidae - medvídkovití

Procyon lotor (Linnaeus, 1758) - mýval severní

Mustelidae - lasicovití

Mustela nivalis Linnaeus, 1766 - kolčava

Mustela erminea Linnaeus, 1758 - hranostaj

Mustela lutreola (Linnaeus, 1761) - norek evropský

Mustela vison Schreber, 1777 - norek americký (mink)

Mustela putorius Linnaeus, 1758 - tchoř tmavý

Mustela eversmannii Lesson, 1827 - tchoř stepní

Martes martes (Linnaeus, 1758) – kuna lesní

Martes foina (Erxleben 1774) – kuna skalní

Meles meles (Linnaeus, 1758) - jezevec lesní

Lutra lutra (Linnaeus, 1758) - vydra říční

Ursidae - medvědovití

Ursus arctos Linnaeus, 1758 - medvěd hnědý

Canidae - psovití

Canis lupus Linnaeus, 1758 - vlk obecný

Canis aureus Linnaeus, 1758 - šakal obecný

Nyctereutes procyonoides (Gray, 1834) - psík mývalovitý

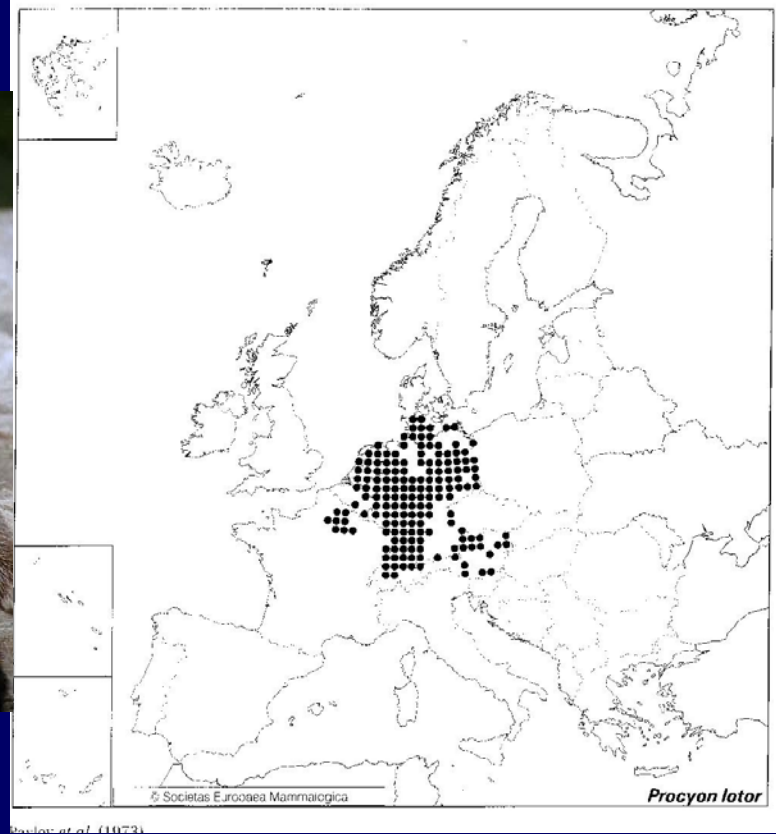
Vulpes vulpes (Linnaeus, 1758) - liška obecná

Felidae - kočkovití

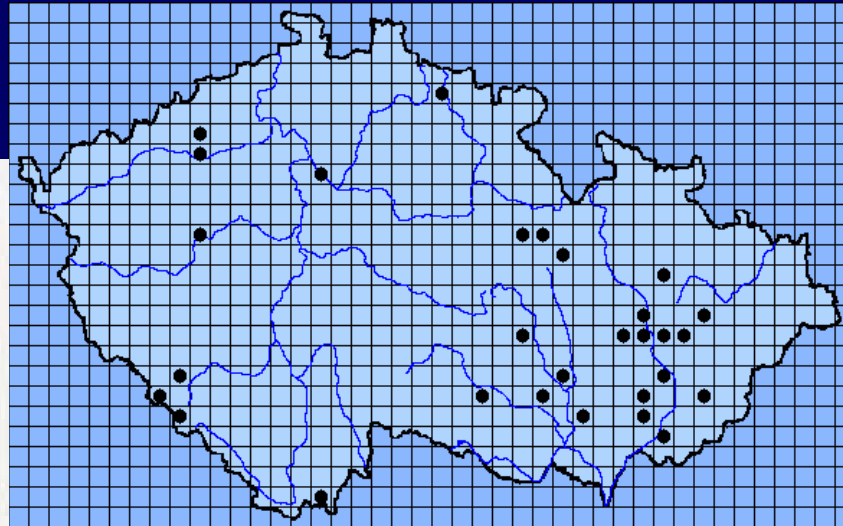
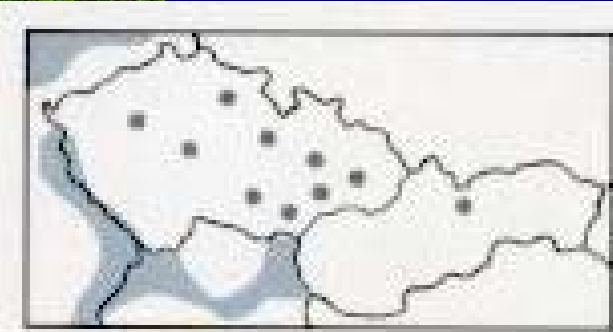
Felis silvestris Schreber, 1775 - kočka divoká

Lynx lynx (Linnaeus, 1758) - rys ostrovid

Procyon lotor (Linnaeus, 1758) - mýval severní

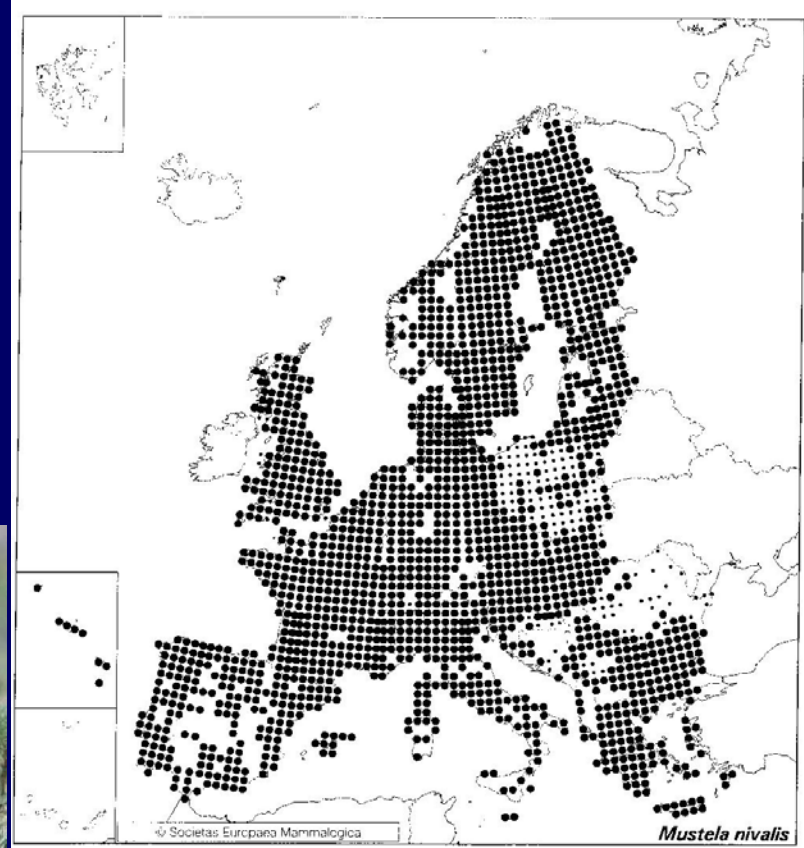


5 %

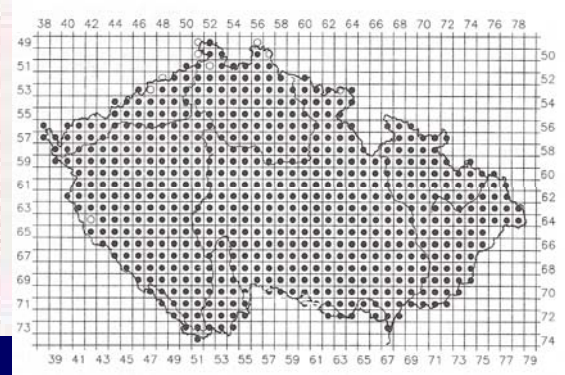
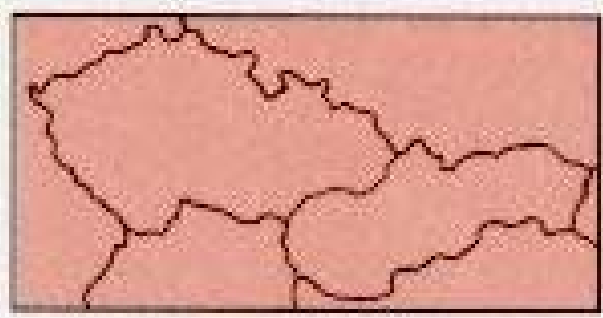


Mustela nivalis Linnaeus, 1766

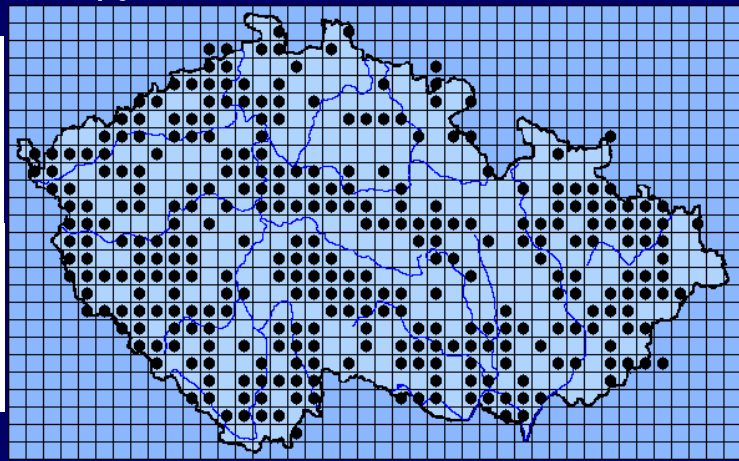
- kolčava



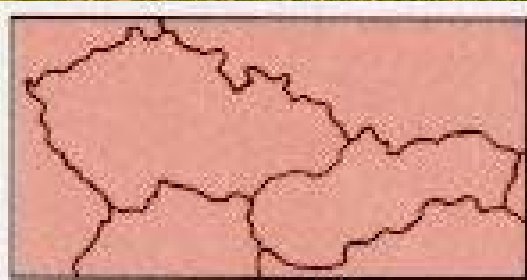
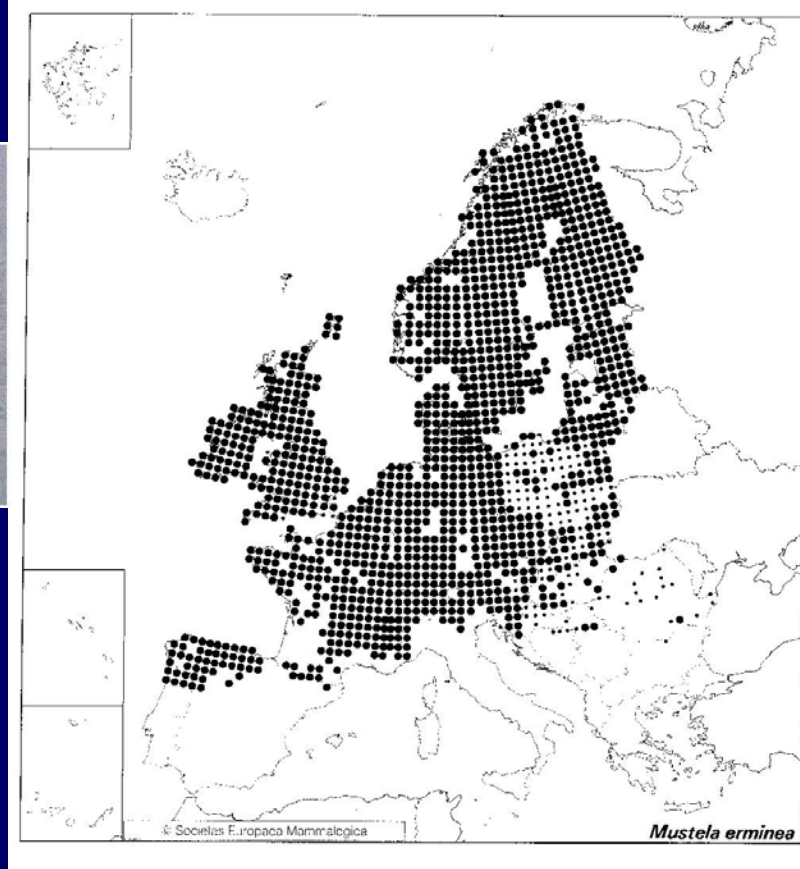
Stubbe & Stubbe (1998)



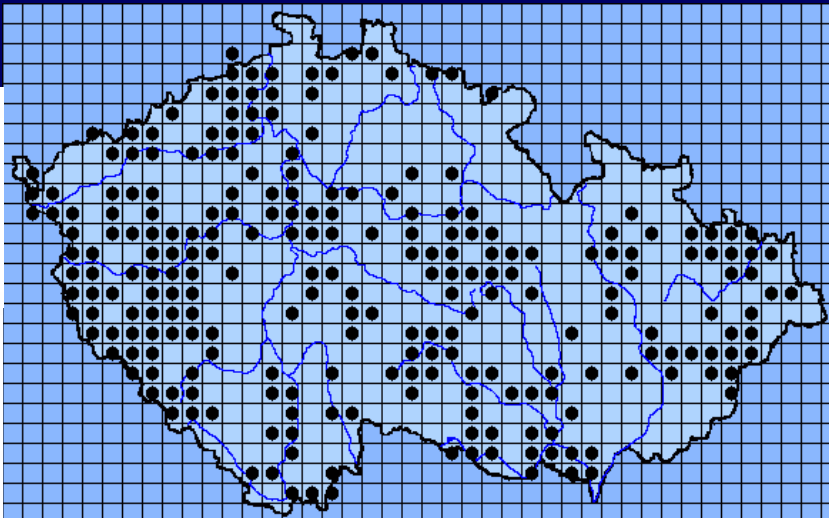
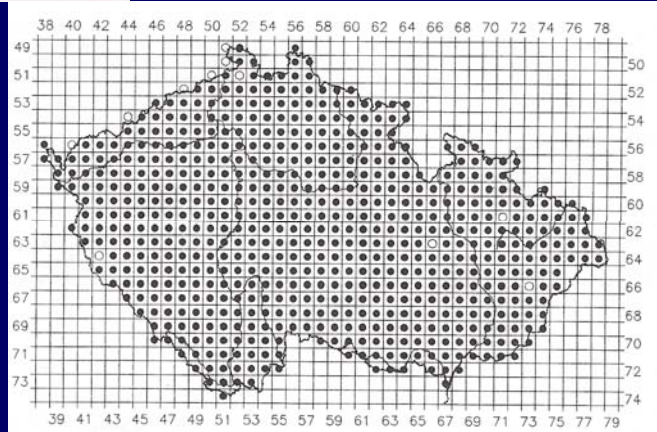
51 %



Mustela erminea Linnaeus, 1758
- hranostaj



38 %

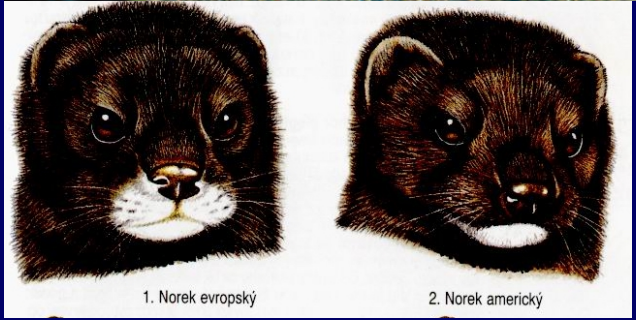


Mustela lutreola (Linnaeus, 1761) - norek evropský

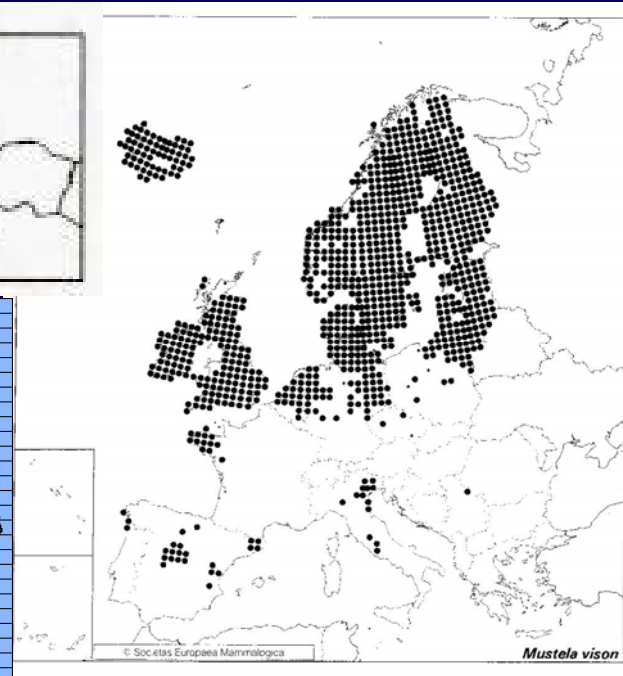
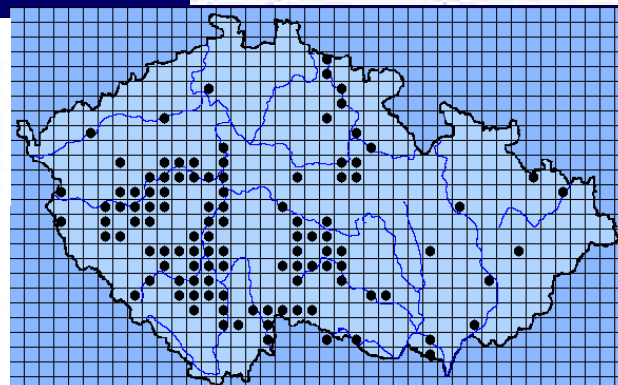
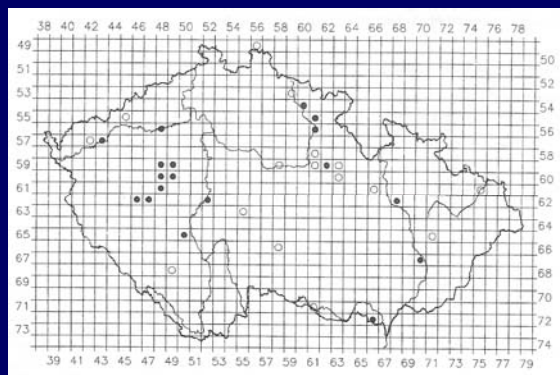
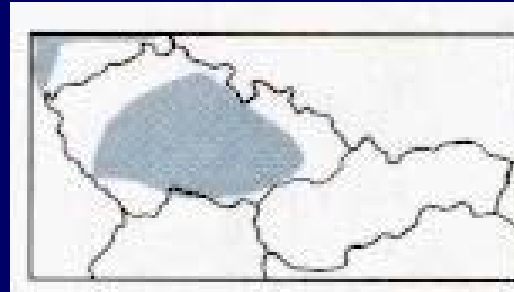


RE, EN, -

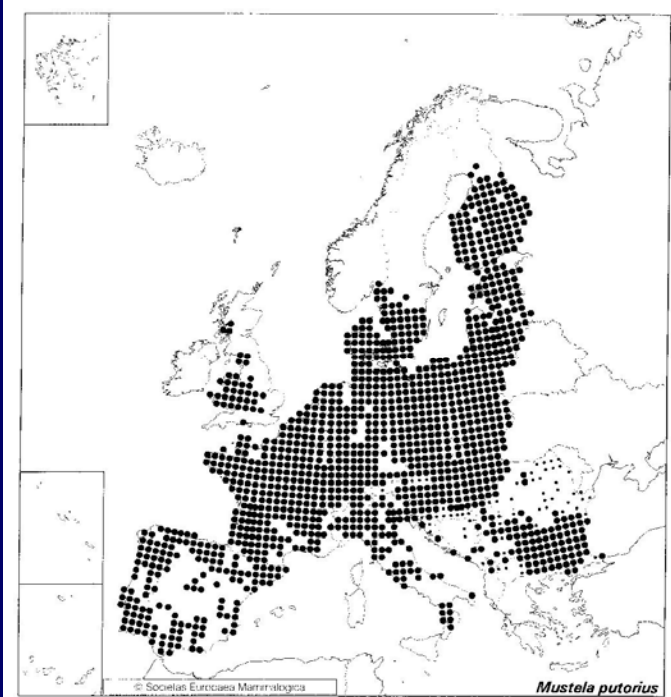
Mustela vison Schreber, 1777 - norek americký (mink)



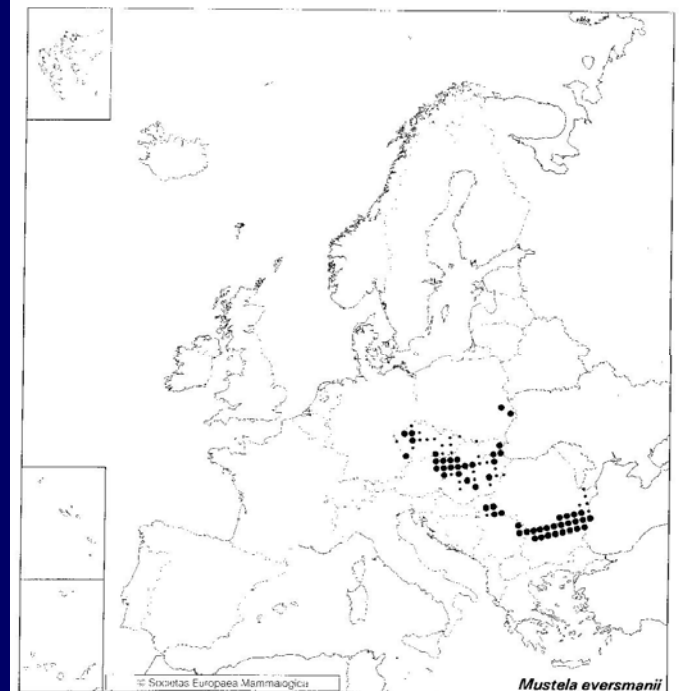
18 %



Mustela putorius Linnaeus, 1758 - tchoř tmavý

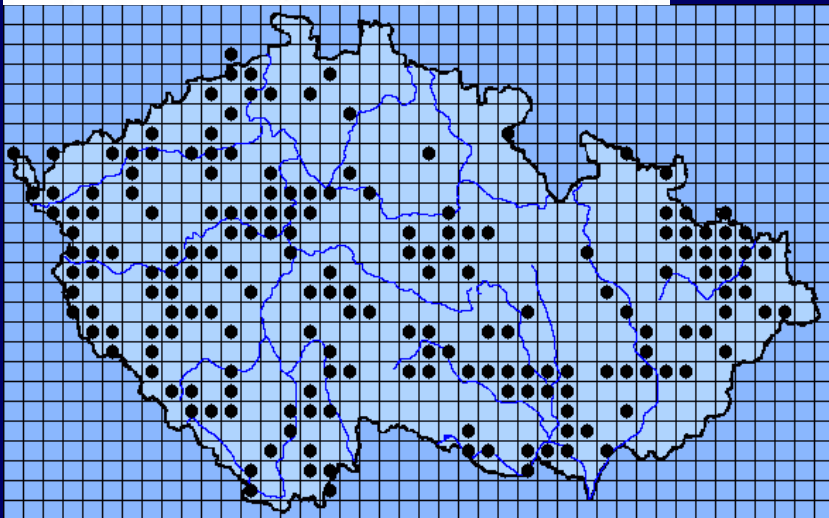
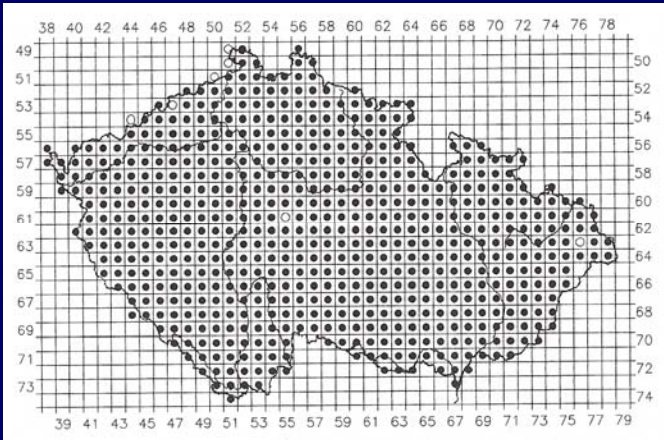
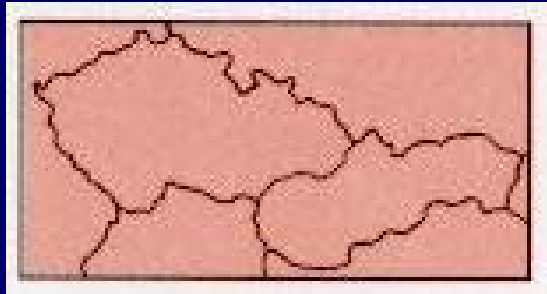


Mustela eversmannii Lesson, 1827 - tchoř stepní



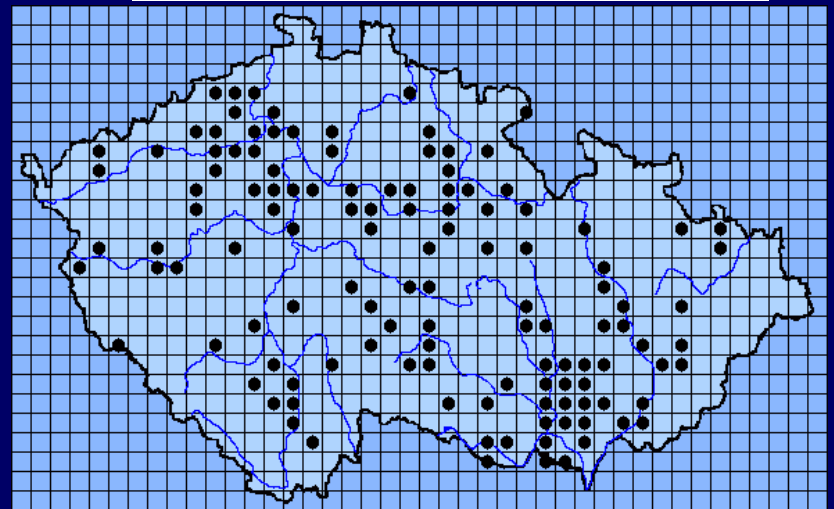
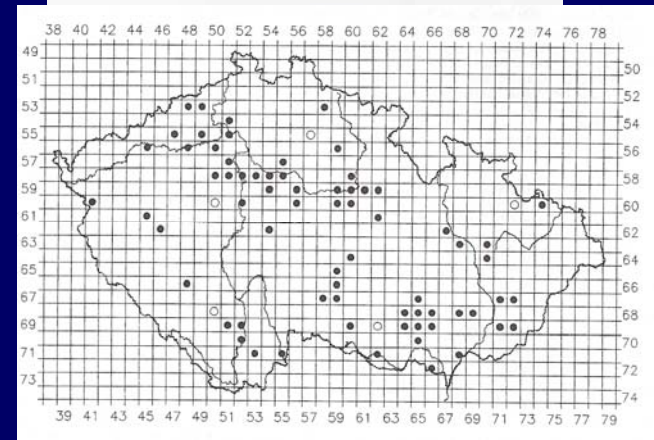
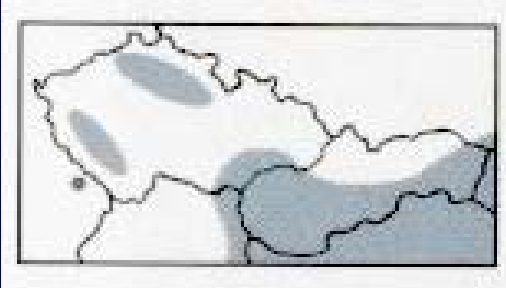
EN, - , KO

Mustela putorius - tchoř tmavý



30 %

Mustela eversmannii - tchoř stepní

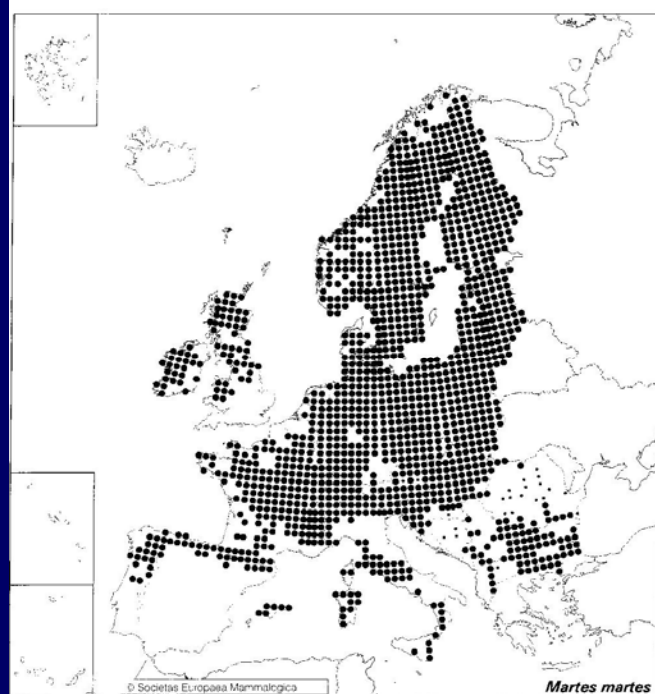


20 %

Martes martes (Linnaeus, 1758) – kuna lesní



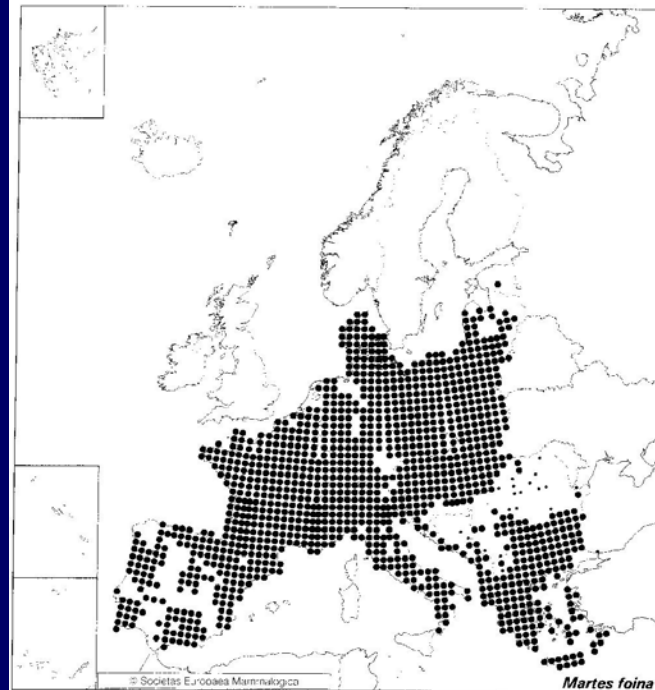
-, -, -



Mebane & Benckhoven (1926)



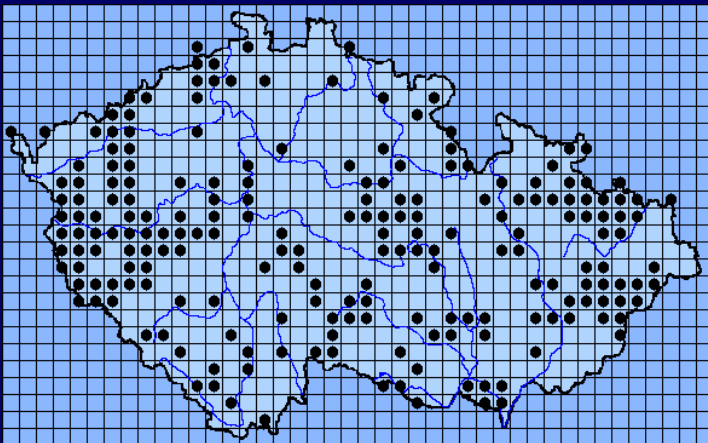
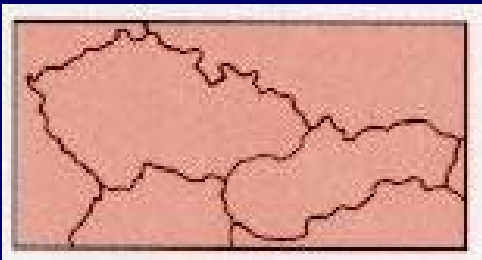
Martes foina (Erxleben 1774) – kuna skalní



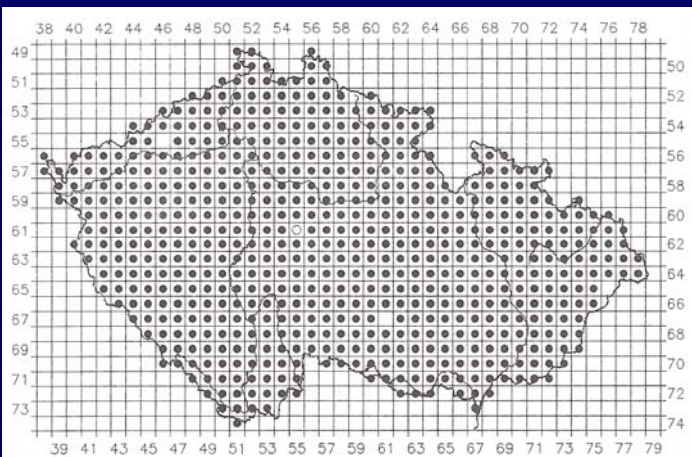
present in northern Switzerland and has spread on

Martes martes (Linnaeus, 1758)

– kuna lesní

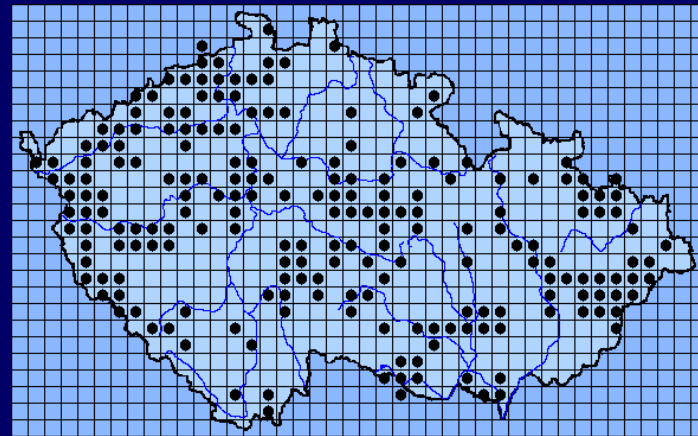
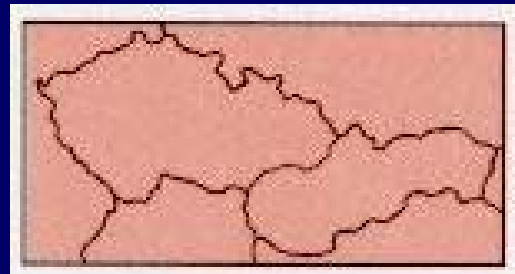


33 %

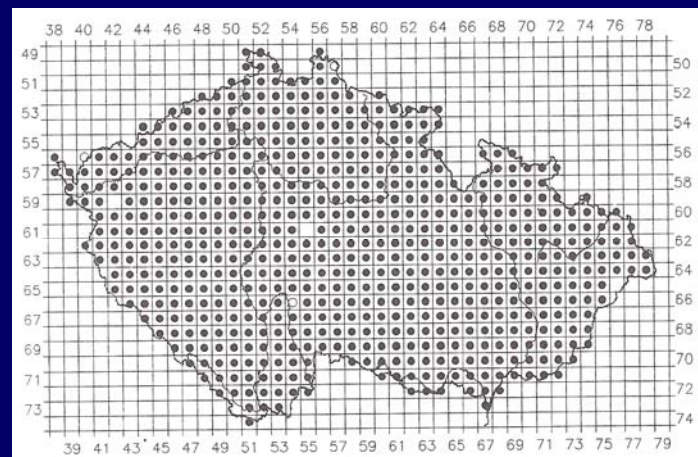


Martes foina (Erxleben 1774)

– kuna skalní

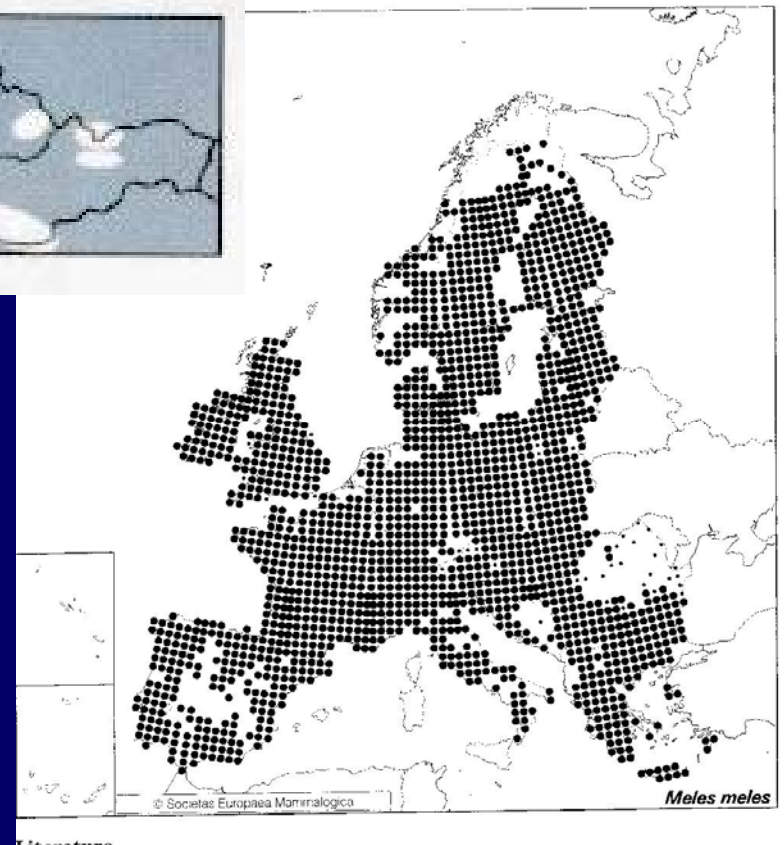
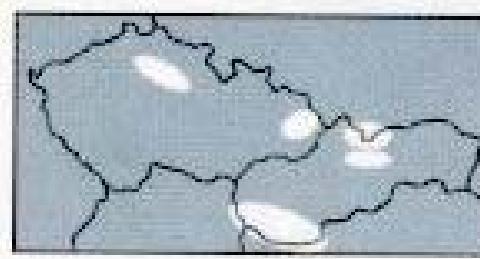


33 %



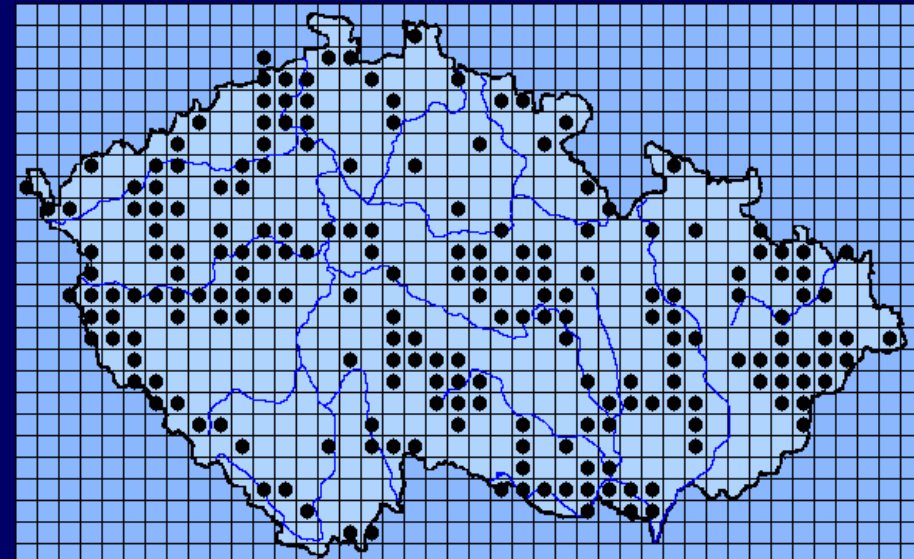
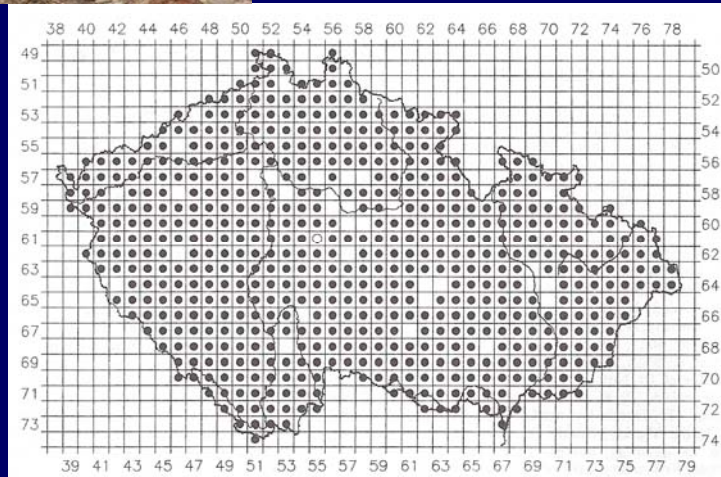
Meles meles (Linnaeus, 1758)

- jezevec lesní



-, -, -

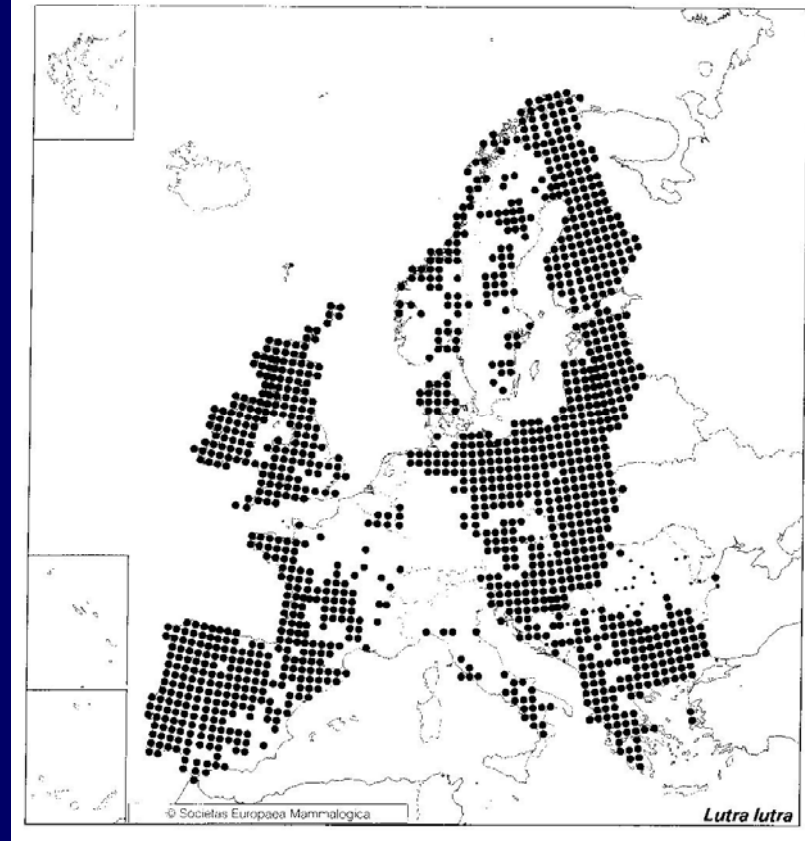
34 %



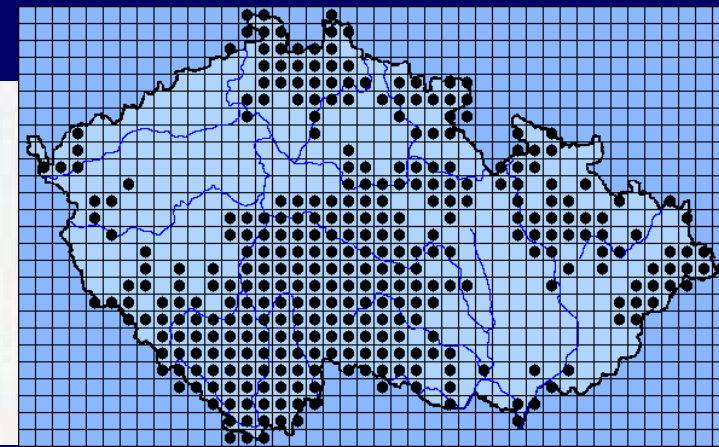
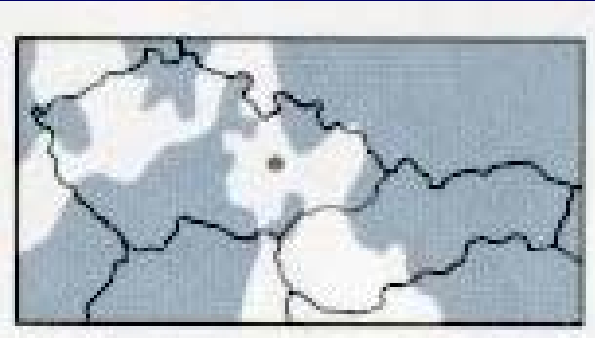
Lutra lutra (Linnaeus, 1758) - vydra říční

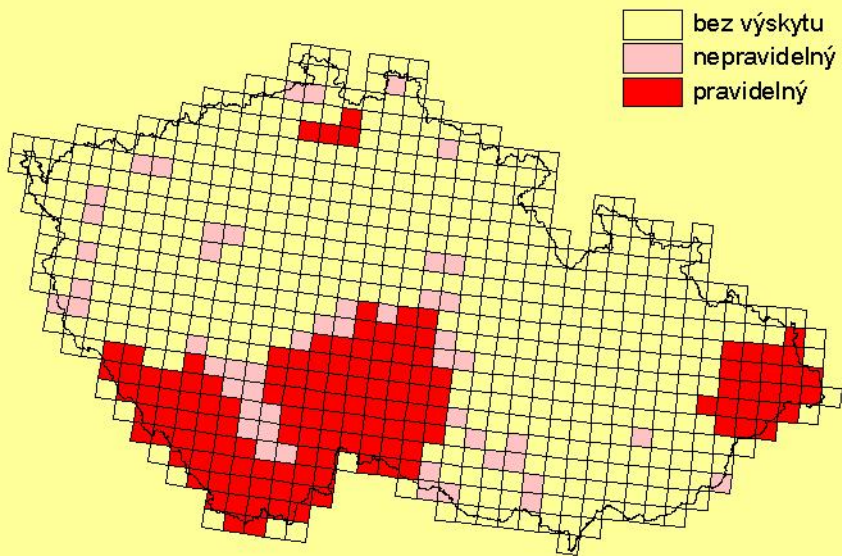


VU, VU, SO

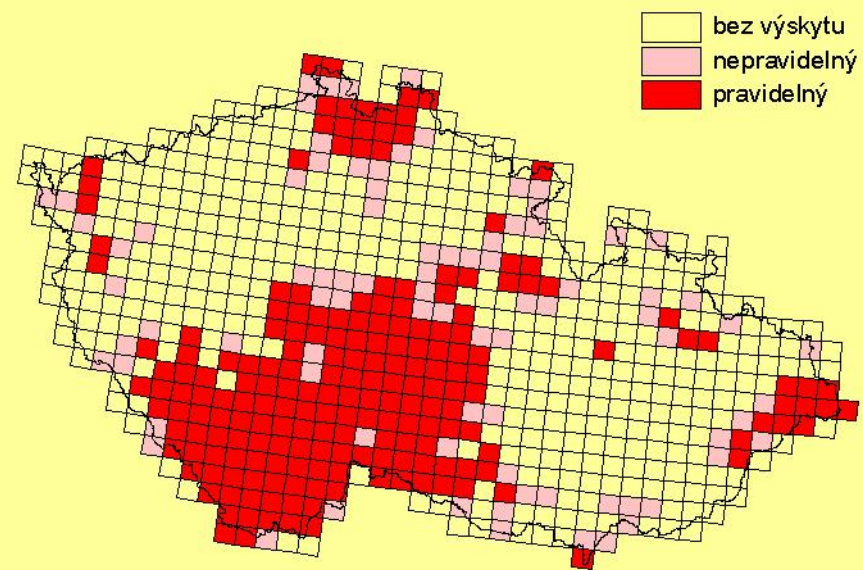


54 %

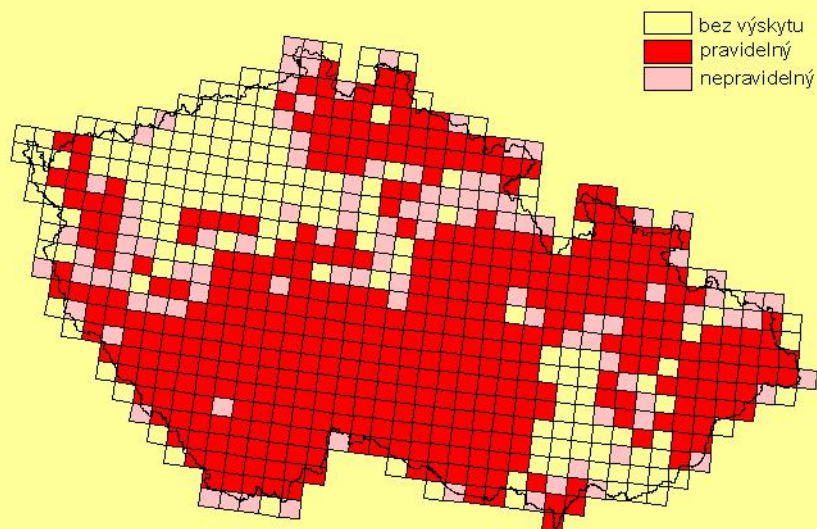




Výskyt vydry říční (*Lutra lutra*) na území České republiky v letech 1989-1992 (Toman 1992)



Výskyt vydry říční (*Lutra lutra*) na území České republiky v letech 1997-2001 (Kučerová et al. 2001, upraveno).

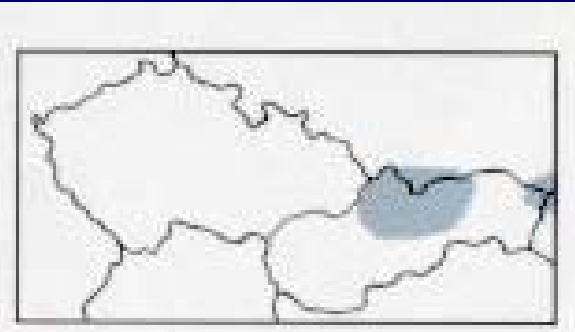
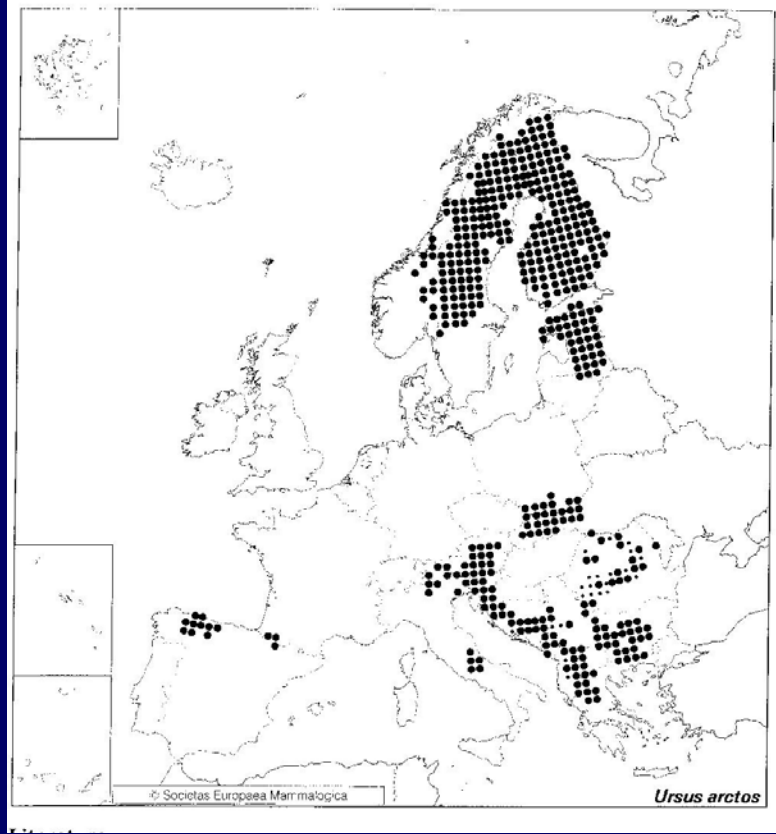


Výskyt vydry říční (*Lutra lutra*) na území České republiky v roce 2006 (Poledník et al. 2007).

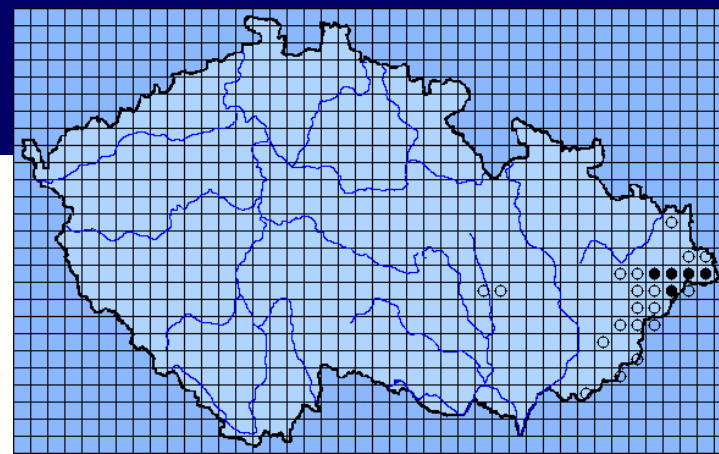
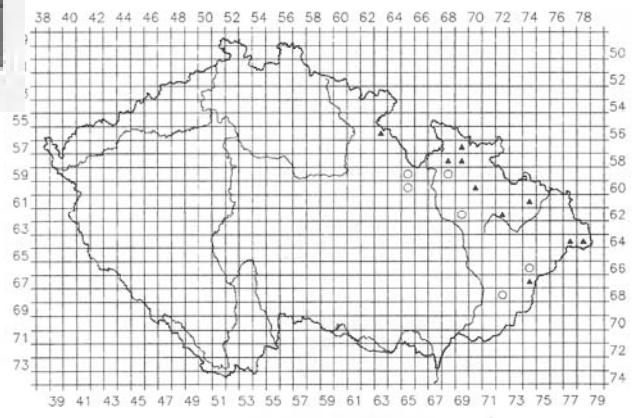
Ursus arctos, Linnaeus, 1758 - medvěd hnědý



CR, - , KO



1 %



Canis lupus Linnaeus, 1758 - vlk obecný

CR, -, KO

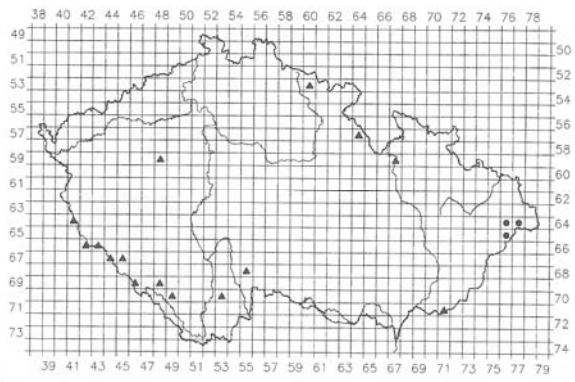
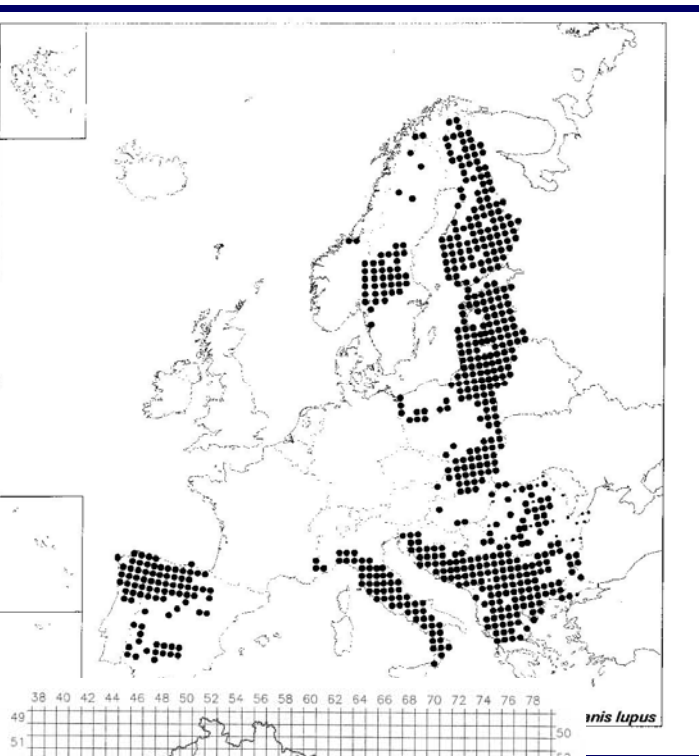


© Milan Kořínek

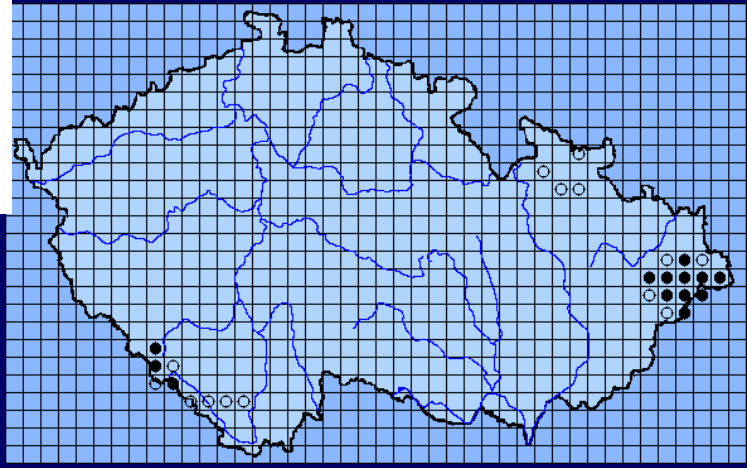


Canis aureus Linnaeus, 1758 - šakal obecný

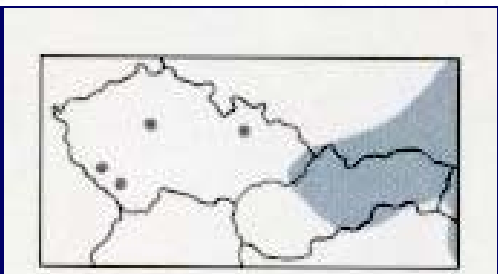
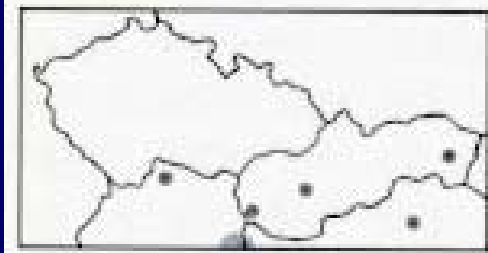
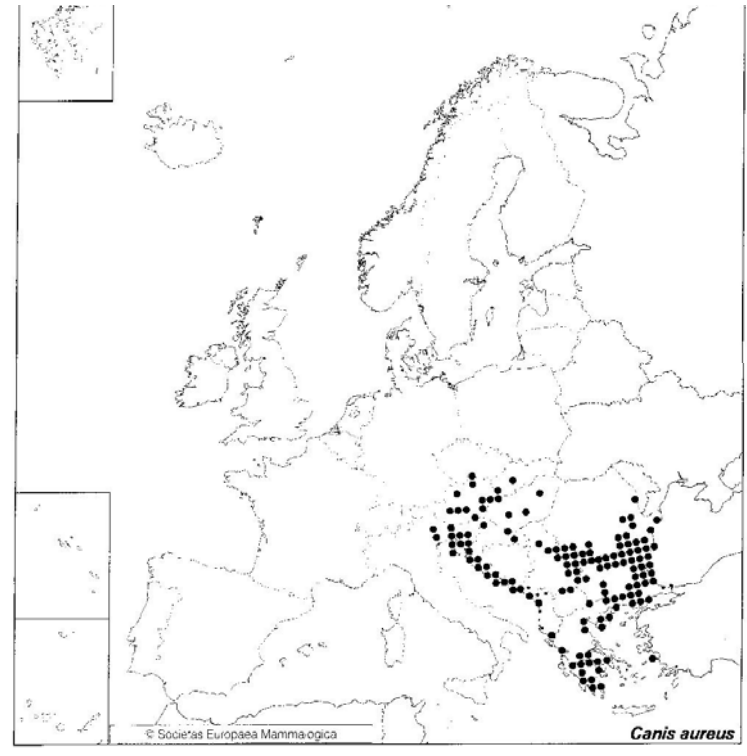
Canis lupus - vlk obecný



3 %



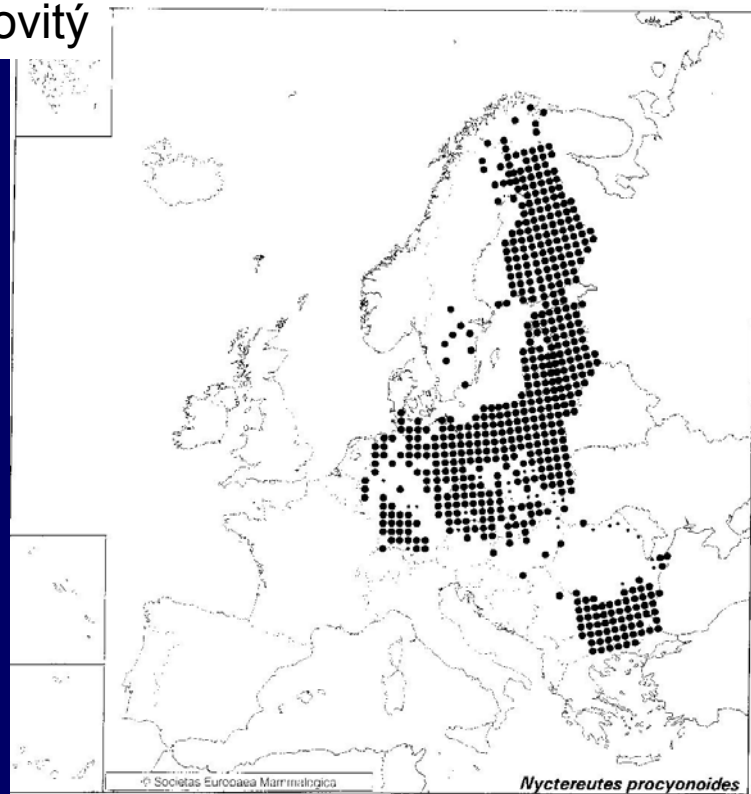
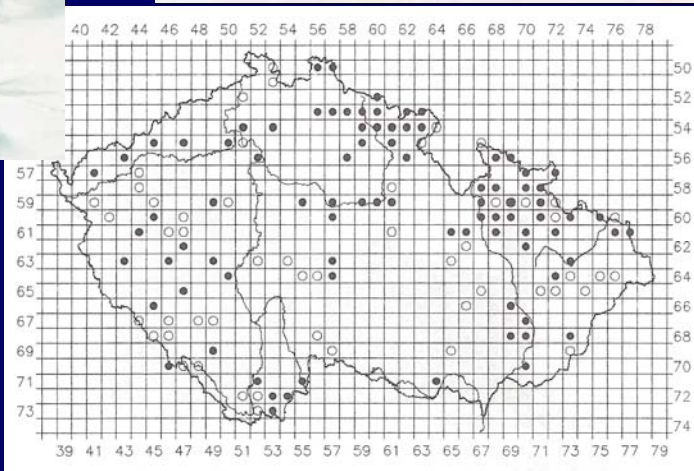
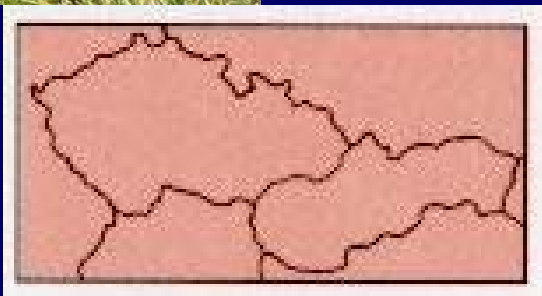
Canis aureus - šakal obecný



Nyctereutes procyonoides (Gray, 1834) - psík mývalovitý

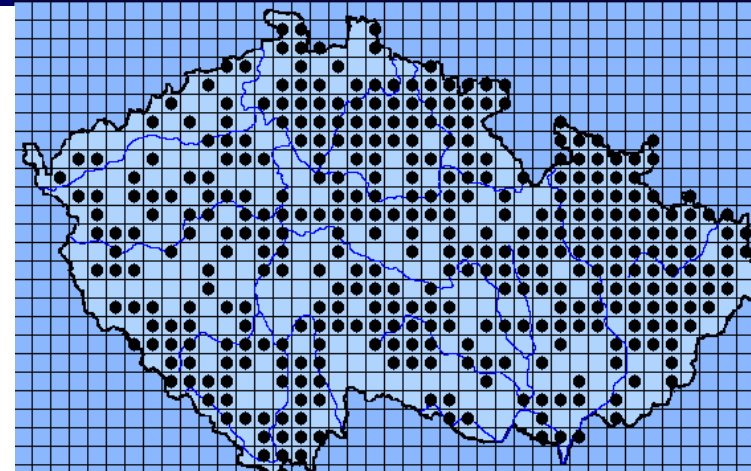


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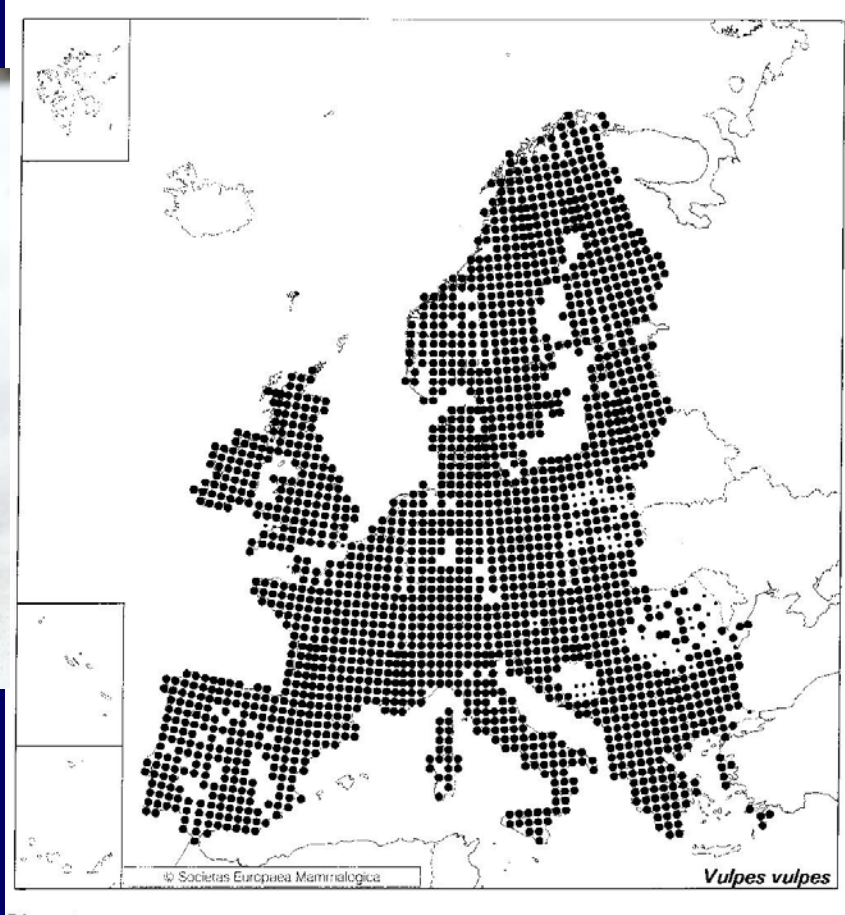
damage to native fauna only occasionally and locally... surrogate mango and may be an important vector of the...

60 %

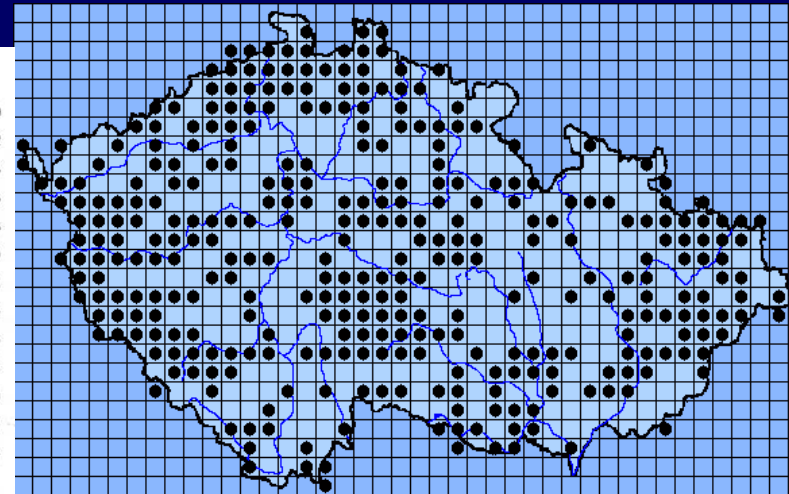
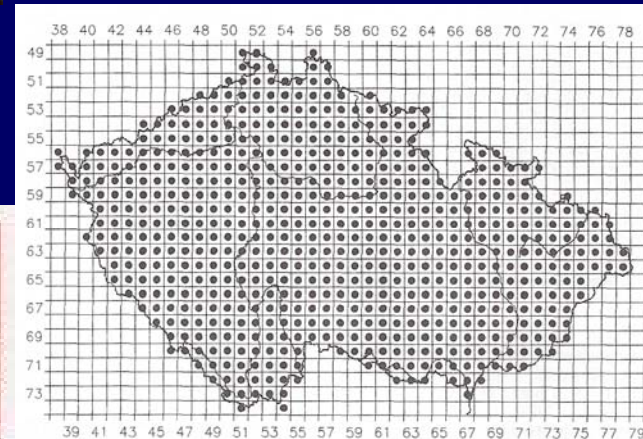
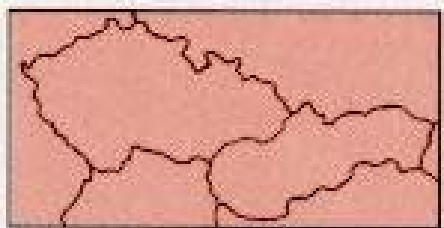


Vulpes vulpes (Linnaeus, 1758) - liška obecná

Fraev (Vulpes vulpes)
© Biopix.dk, J.C. Schou



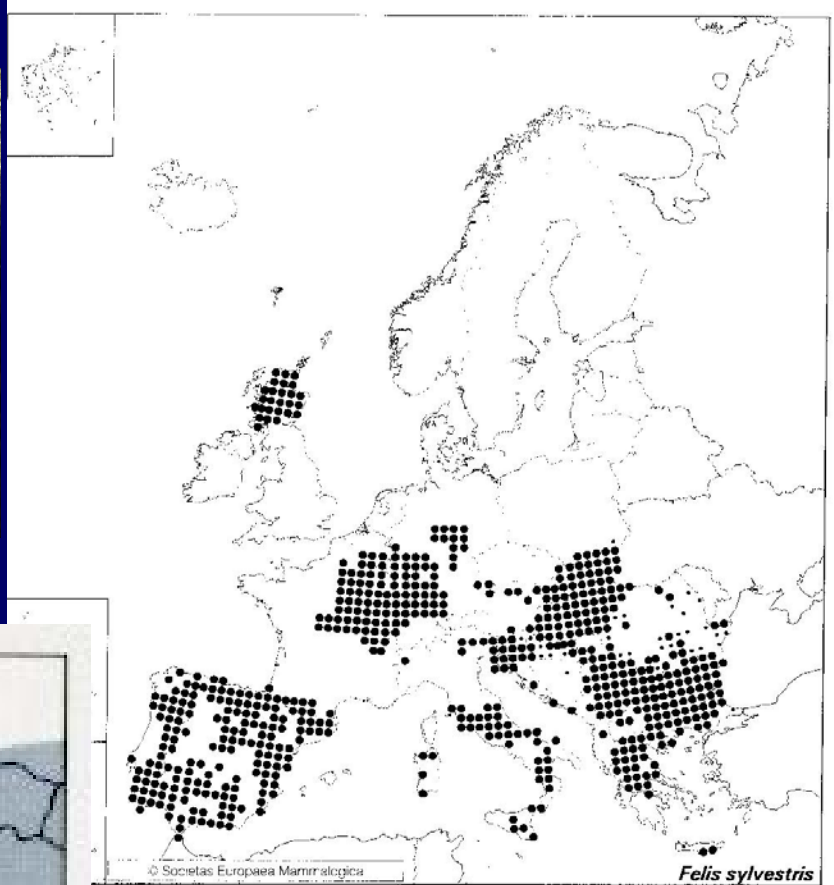
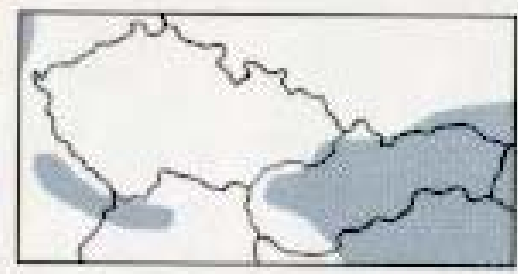
54 %



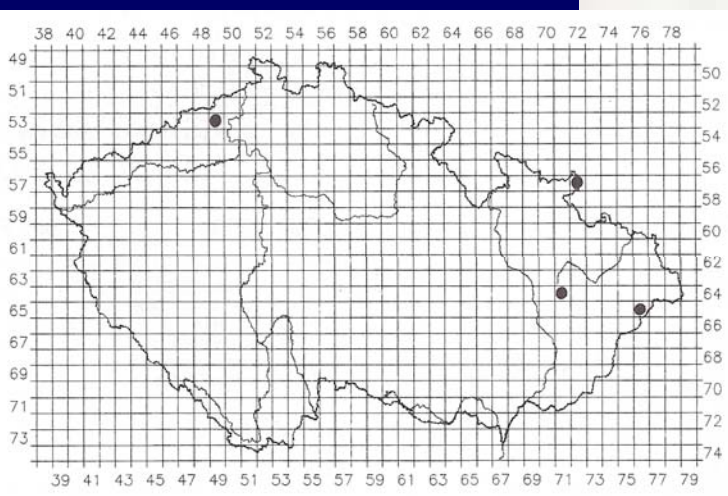
Felis silvestris Schreber, 1775 - kočka divoká



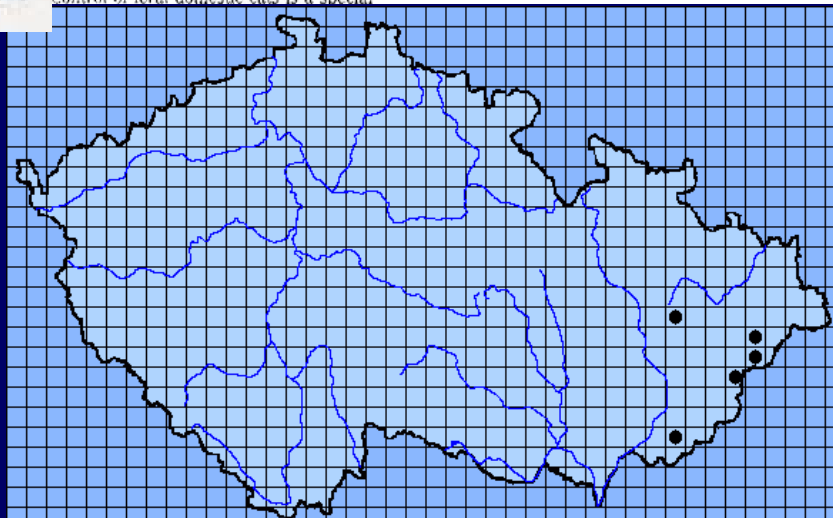
DD, -, KO



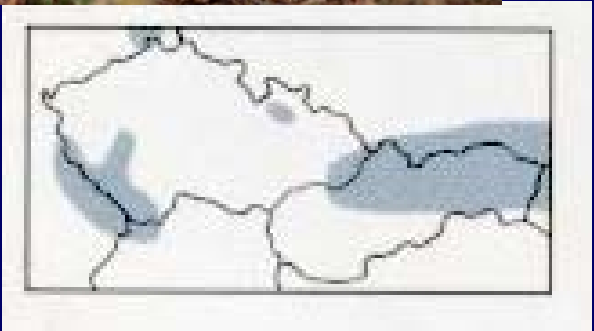
Control of feral domestic cats is a special



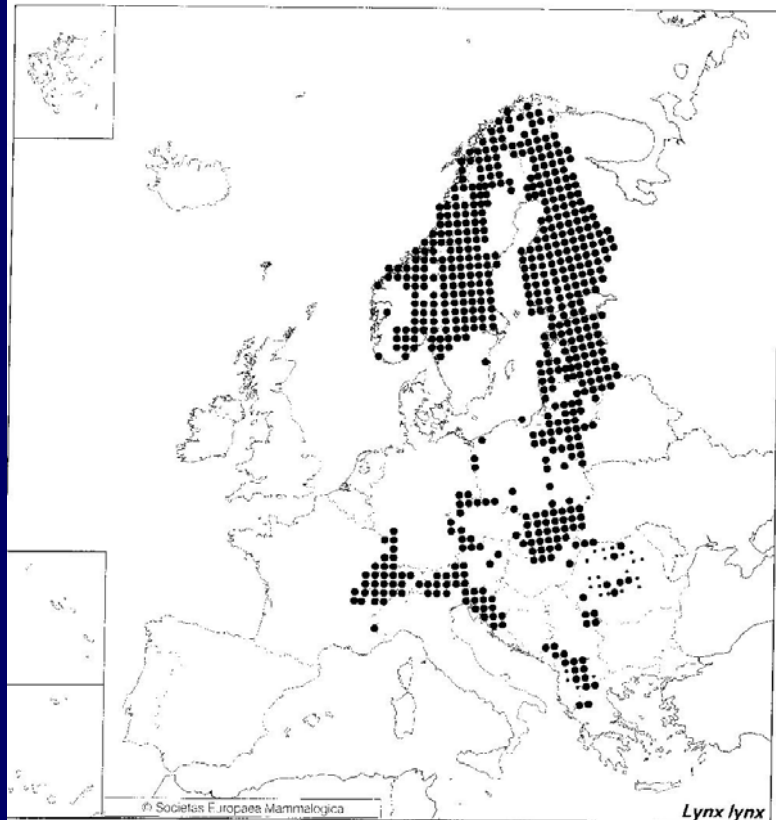
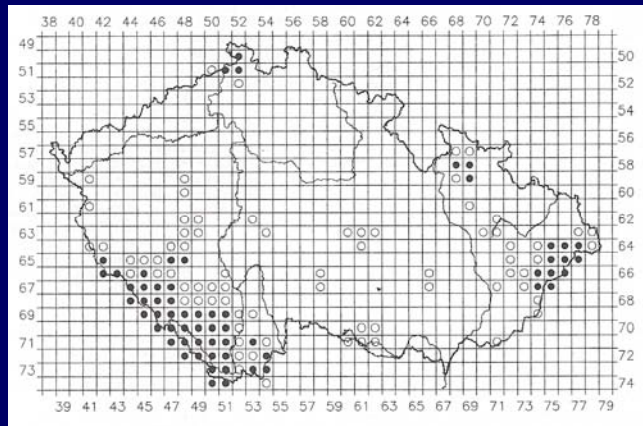
1 %



Lynx lynx (Linnaeus, 1758) - rys ostrovid

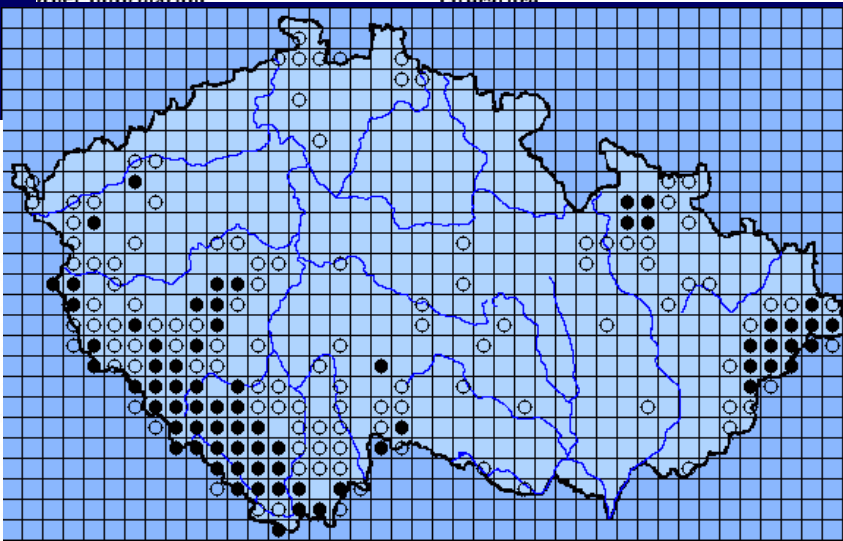


12 %



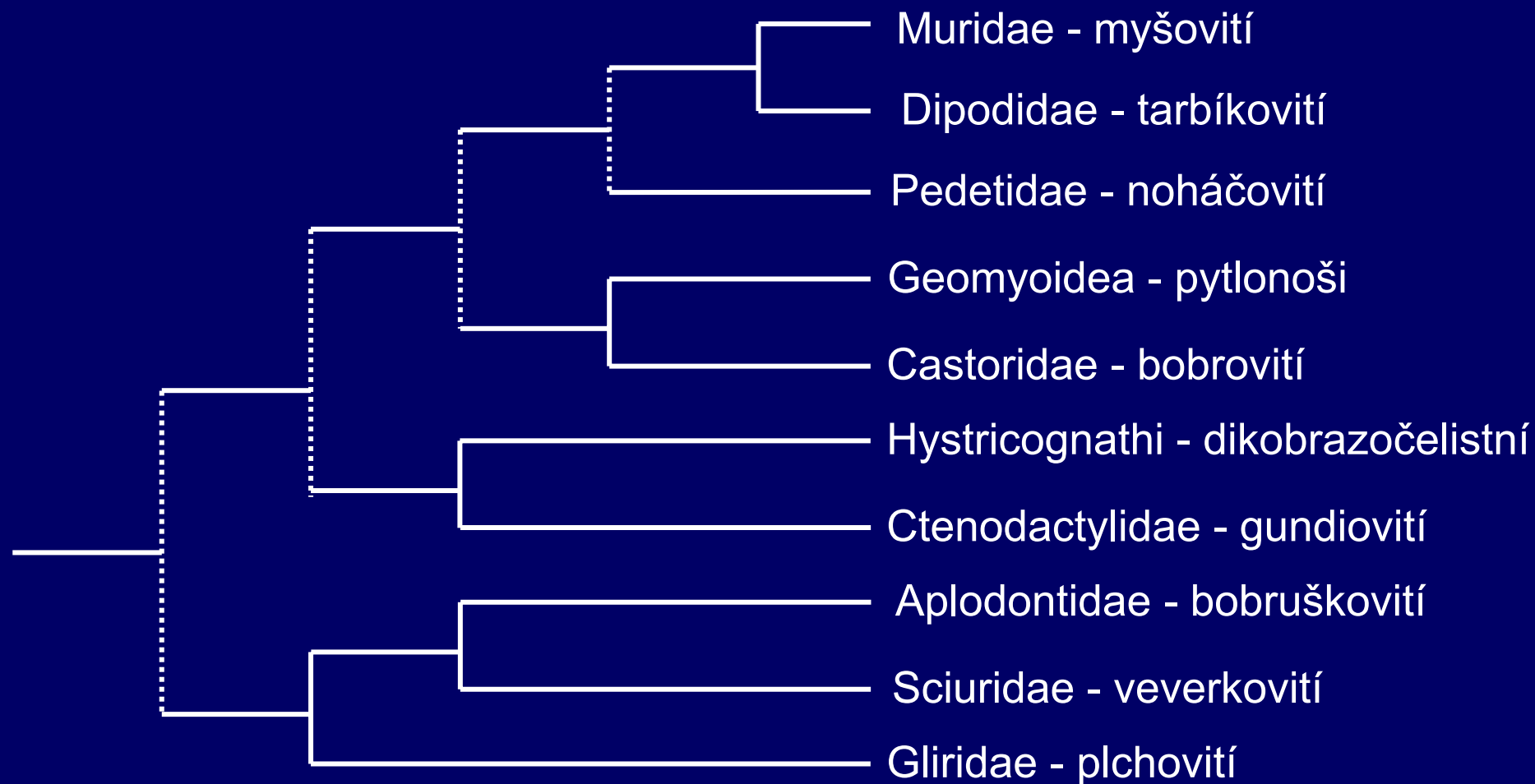
Other information

Literature



EN, NT, SO

Rodentia - hlodavci



Rodentia = Sciurognathi + Hystricognathi

Muridae = Cricetidae + Arvicolidae + Muridae s.s.

Rodentia - hlodavci

Gliridae - plchovití

Muscardinus avellanarius (Linnaeus, 1758) – plšík lískový

Glis glis (Linnaeus, 1766) – plch velký

Dryomys nitedula (Pallas, 1778) – plch lesní

Eliomys quercinus (Linnaeus, 1766) – plch zahradní

Sciuridae - veverkovití

Sciurus vulgaris Linnaeus, 1758 - veverka obecná

Spermophilus citellus (Linnaeus, 1766) - sysel obecný

Marmota marmota (Linnaeus, 1758) - svišť horský

HYSTRICOGNATHI

Myocastoridae - nutriovití

Myocastor coypus (Molina, 1782) – nutrie říční

Castoridae - bobrovití

Castor fiber Linnaeus, 1758 - bobr evropský

Castor canadensis Kuhl, 1820 - bobr kanadský

MURIDAE

Cricetinae - křečkovití

Cricetus cricetus Linnaeus, 1758 - křeček polní

Arvicolinae - hrabošovité

Myodes glareolus (Schreber, 1780) - norník rudý

Arvicola terrestris (Linnaeus, 1758) - hryzec vodní (*Arvicola amphibius*)

Ondatra zibethicus (Linnaeus, 1766) - ondatra pižmová

Microtus arvalis (Pallas, 1778) - hraboš polní

Microtus agrestis (Linnaeus, 1761) - hraboš mokřadní

Microtus oeconomus (Pallas, 1776) - hraboš hospodárny

Microtus subterraneus (de Sélys-Longchamps, 1836) - hrabošík podzemní

Microtus tatricus (Kratochvíl, 1952) - hrabošík tatranský

Chionomys nivalis (Martins, 1842) - hraboš sněžný

Murinae - myšovité

Apodemus flavicollis (Melchior, 1834) - myšice lesní

Apodemus sylvaticus (Linnaeus, 1758) - myšice křovinná

Apodemus agrarius (Pallas, 1771) - myšice temnopásá

Apodemus microps Kratochvíl et Rosický, 1952 - myšice malooká

Apodemus uralensis Pallas, 1811

Micromys minutus (Pallas, 1771) - myška drobná

Mus musculus Linnaeus, 1758 - myš domácí

Mus domesticus Ruddy, 1772 - myš západoevropská

Mus spicilegus Petenyi, 1882 - myš panonská

Rattus rattus (Linnaeus, 1758) - krysa obecná

Rattus norvegicus (Berkenhout, 1769) - potkan

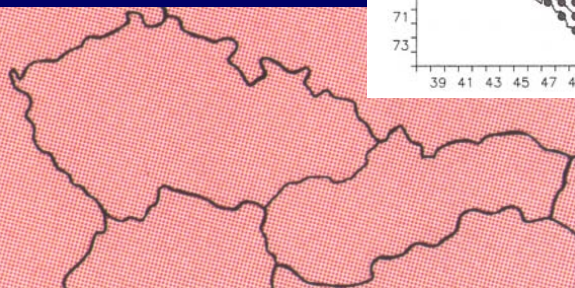
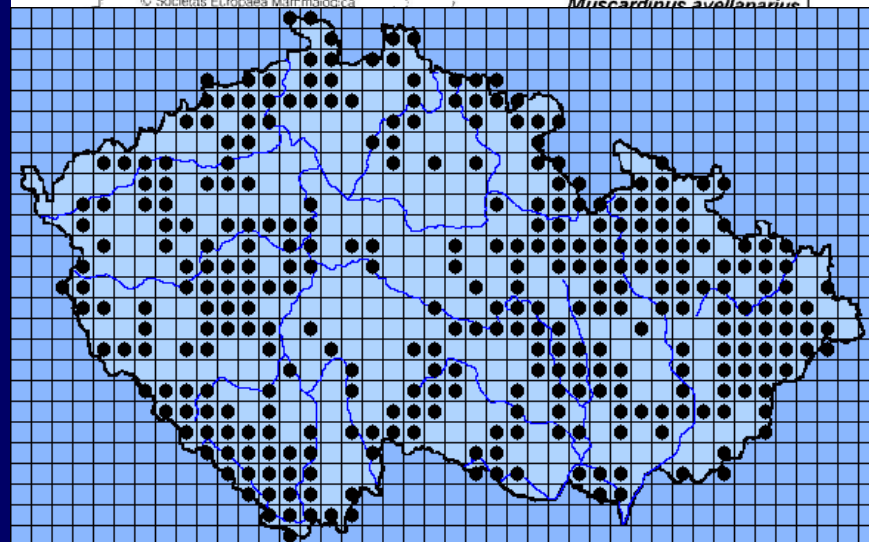
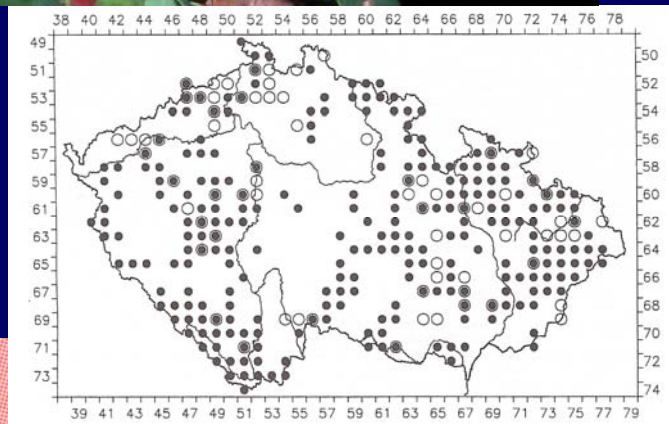
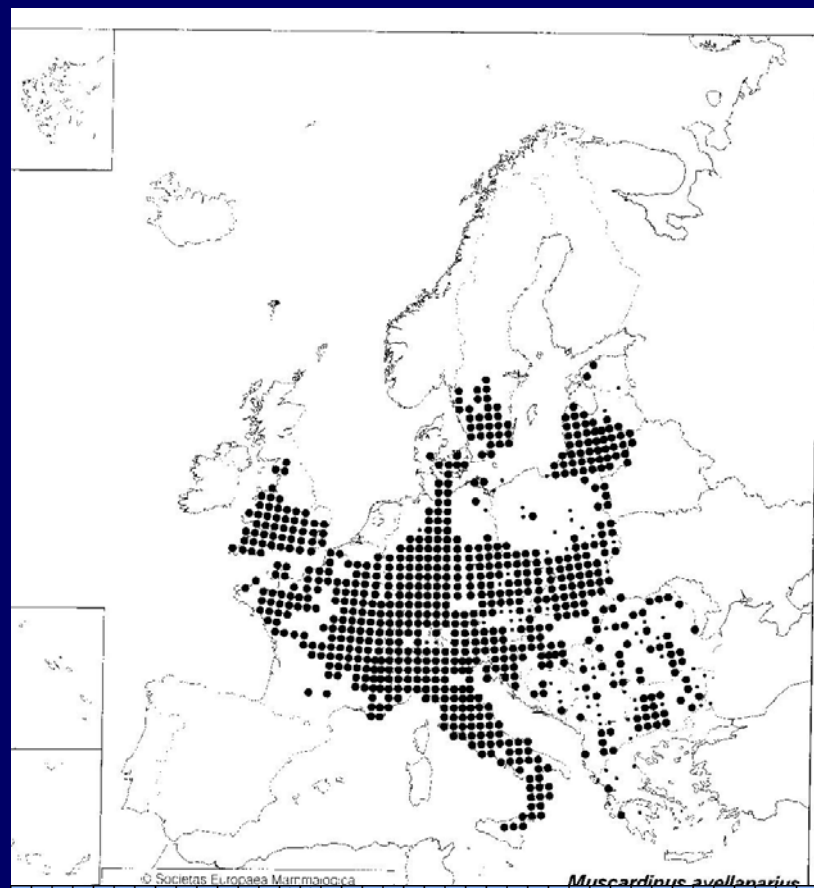
Dipodidae - tarbíkovití (Zapodidae – myšivkovití)

Sicista betulina Pallas, 1779 – myšivka horská

Sicista subtilis (Pallas, 1773) – myšivka stepní

Muscardinus avellanarius (Linnaeus, 1758)

– plšík lískový



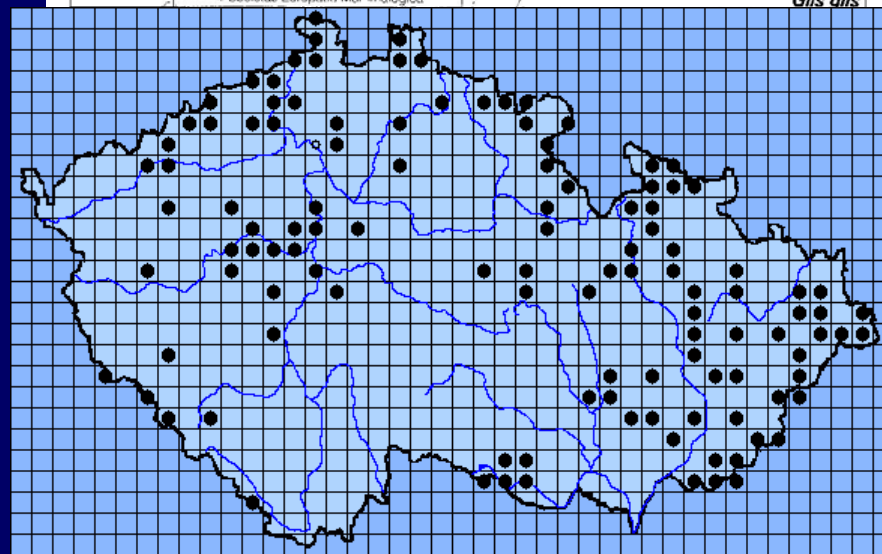
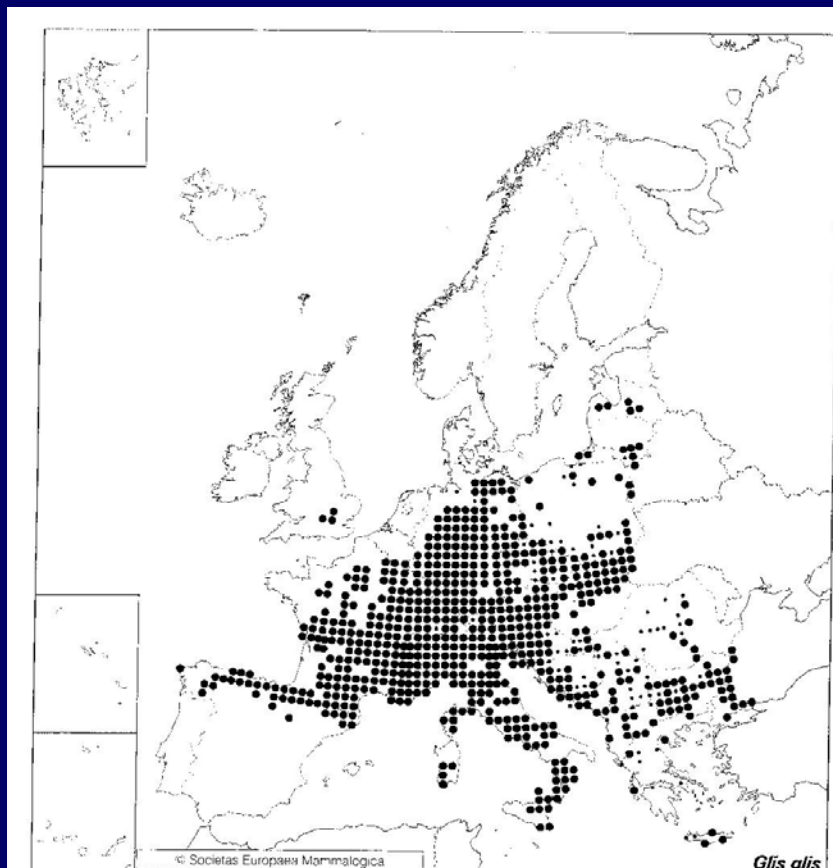
-, -, SO 52%

Glis glis (Linnaeus, 1766) – plch velký



DD, LR/nt, O

19%



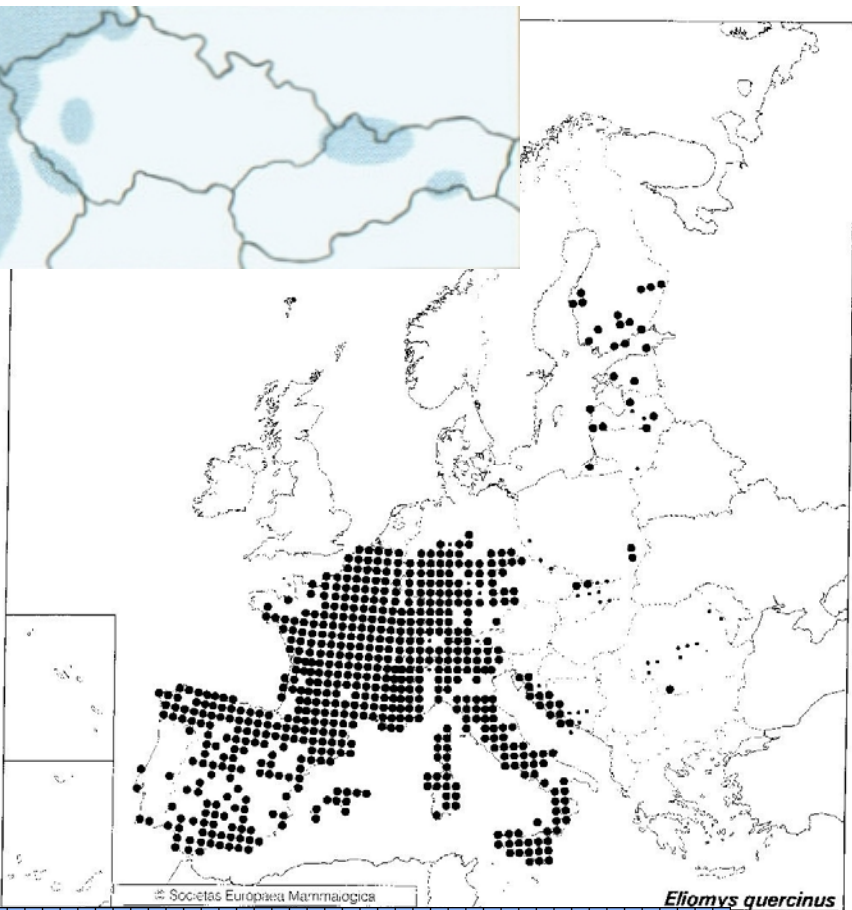
Eliomys quercinus (Linnaeus, 1766) – plch zahradní



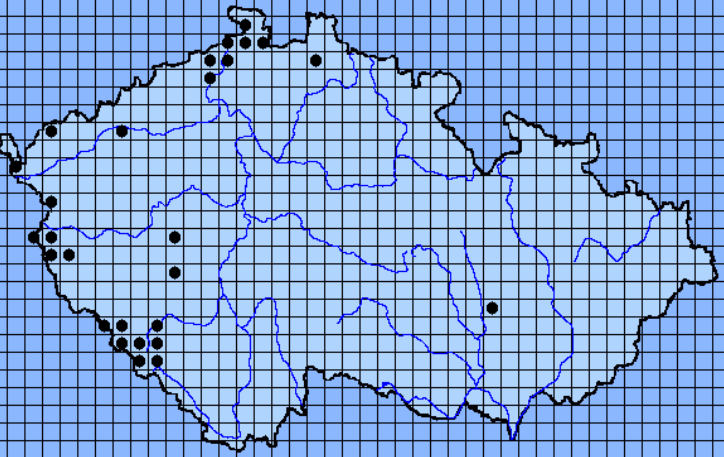
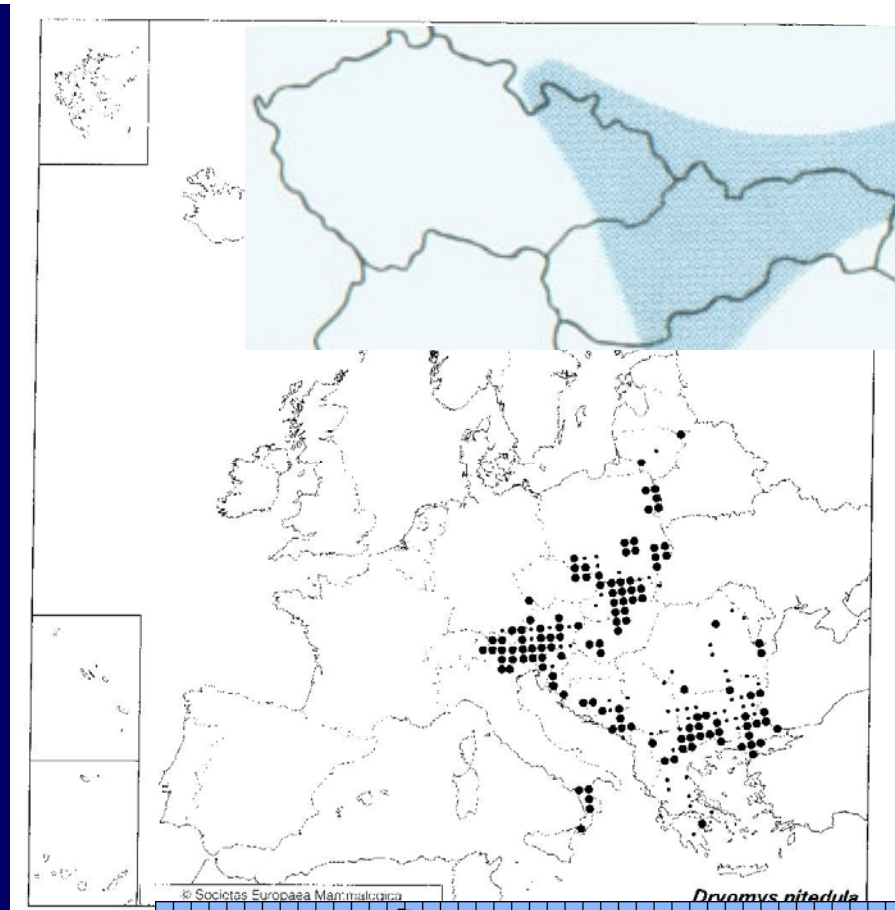
Dryomys nitedula (Pallas, 1778) – plch lesní



Eliomys quercinus – plch zahradní



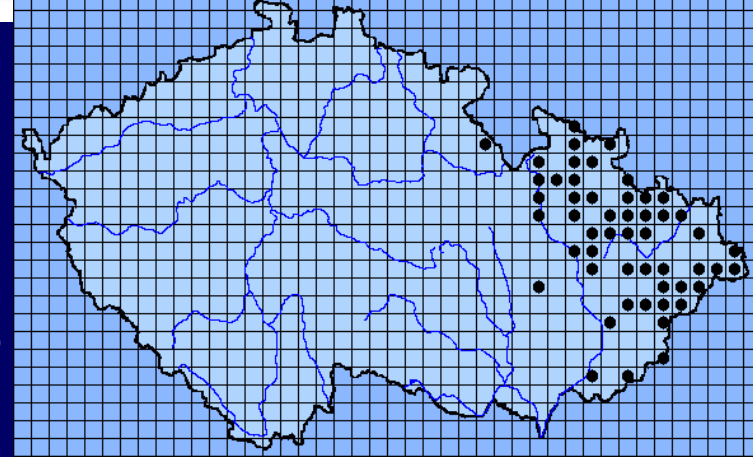
Dryomys nitedula (Pallas, 1778) – plch lesní



EN, VU, KO

5%

-, -, SO

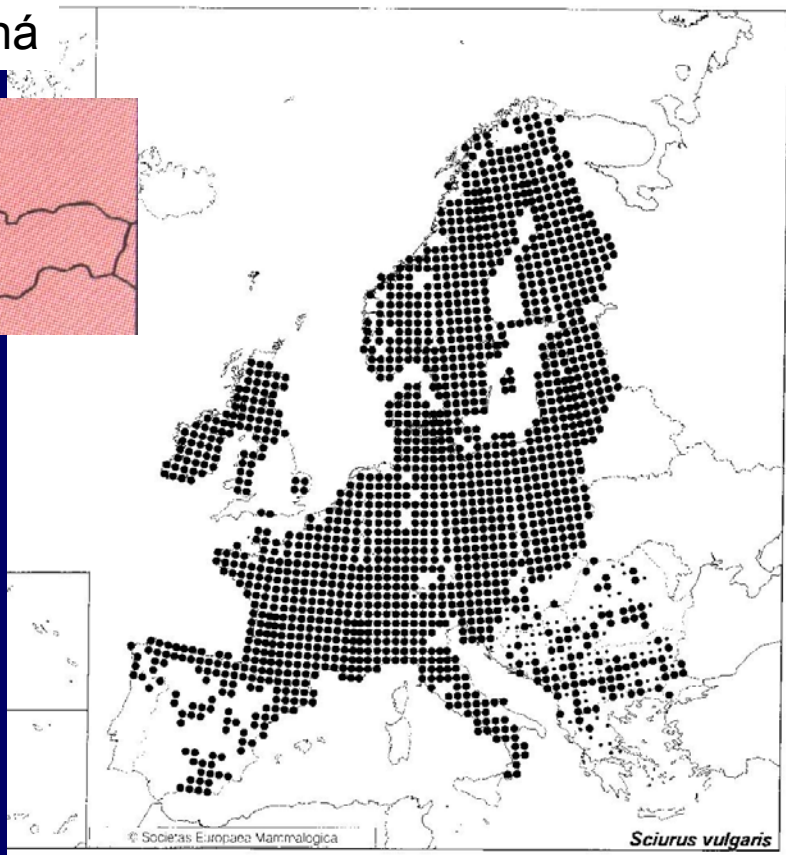


9%

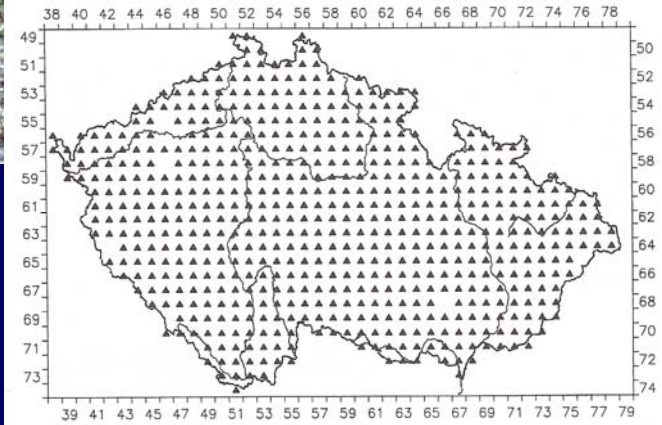
Sciurus vulgaris Linnaeus, 1758) - veverka obecná



NE, NT, O

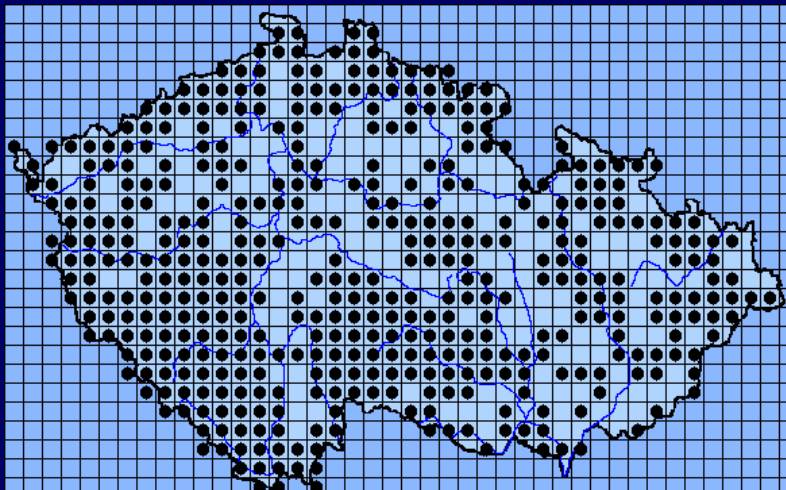


1991-1992_dotazník

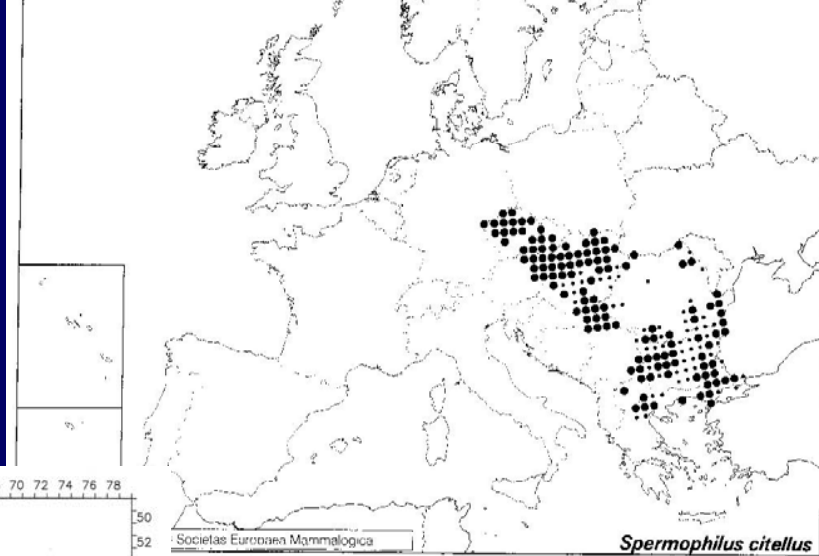
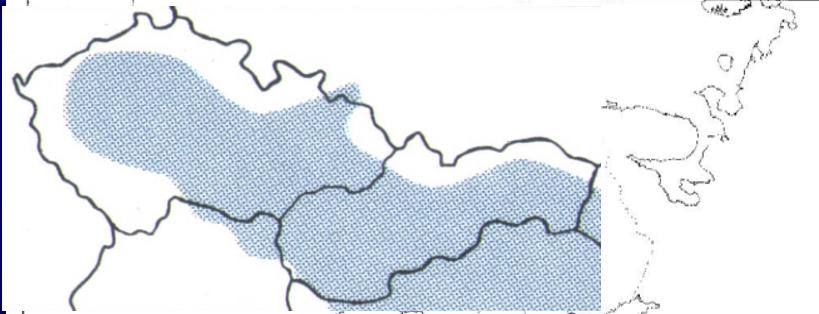


use it strips the bark from conifer trees, or feeds

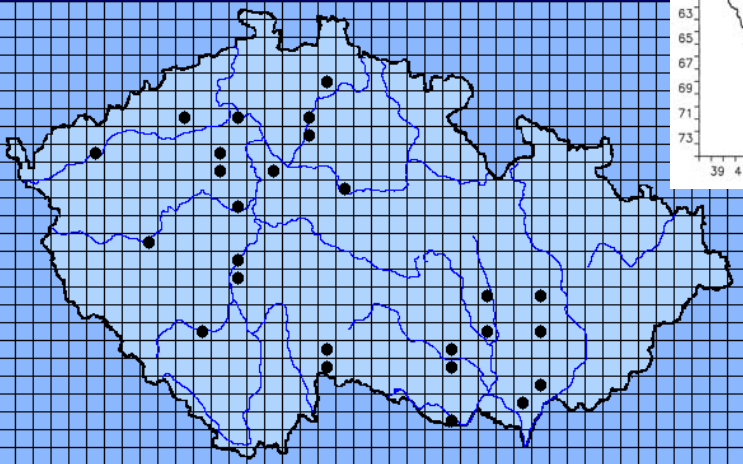
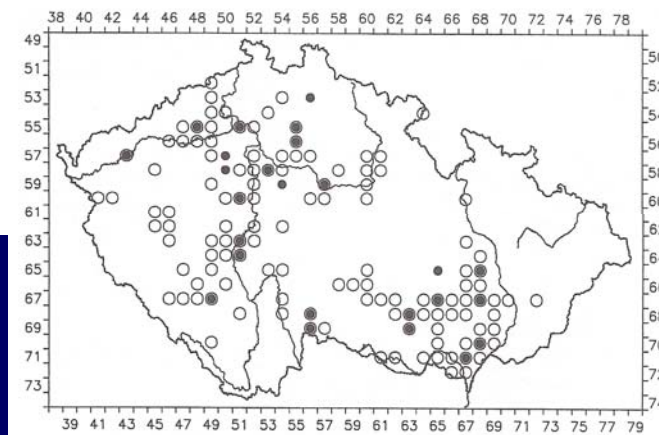
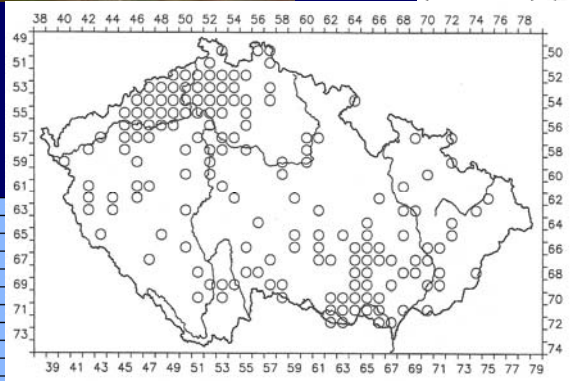
70%



Spermophilus citellus (Linnaeus, 1766)
- sysel obecný



CR, NT, KO



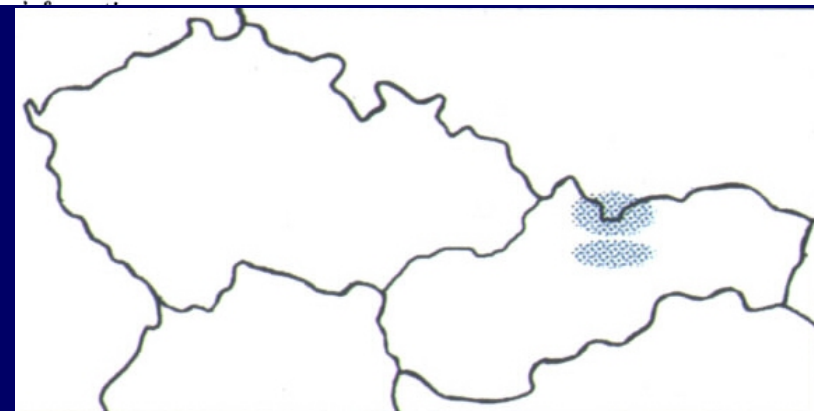
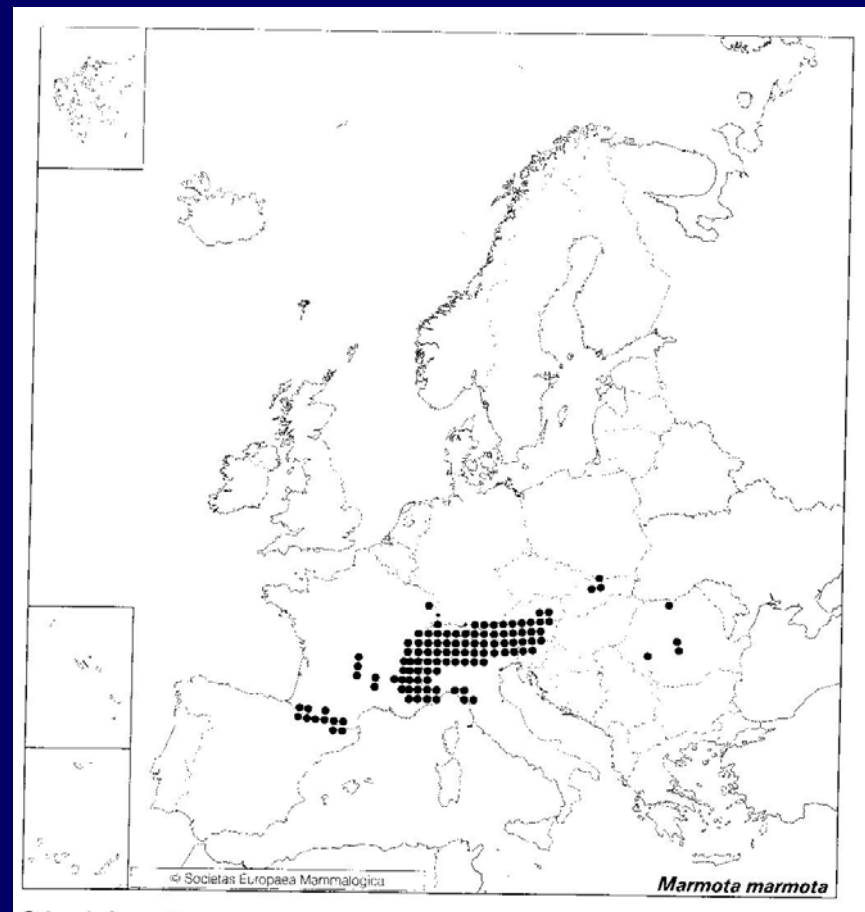
do 1950

5%

1951-2000; 2001-2005

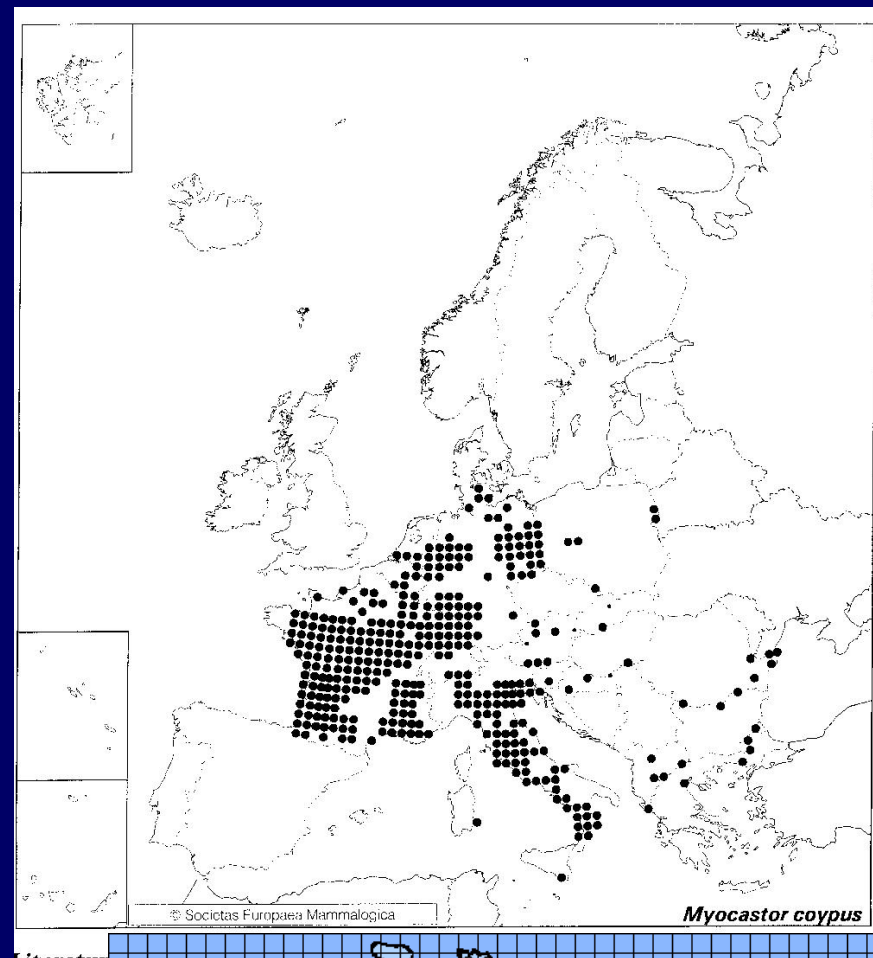
Marmota marmota (Linnaeus, 1758)

- svišť horský

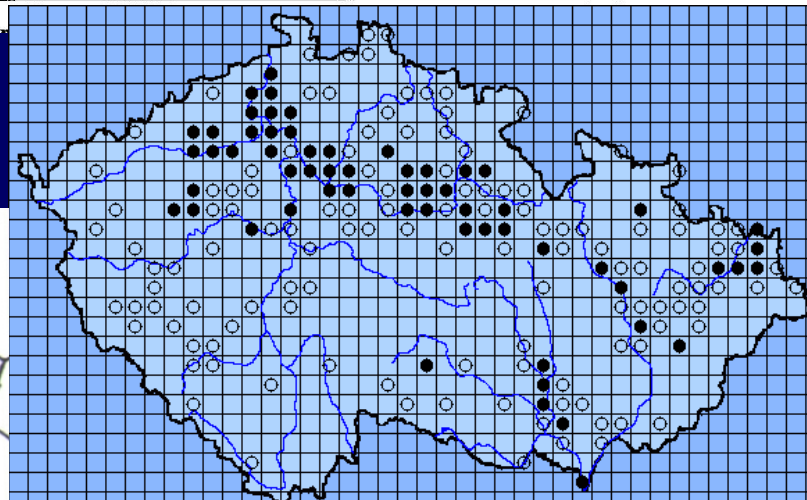


Myocastor coypus (Molina, 1782)

– nutrie říční



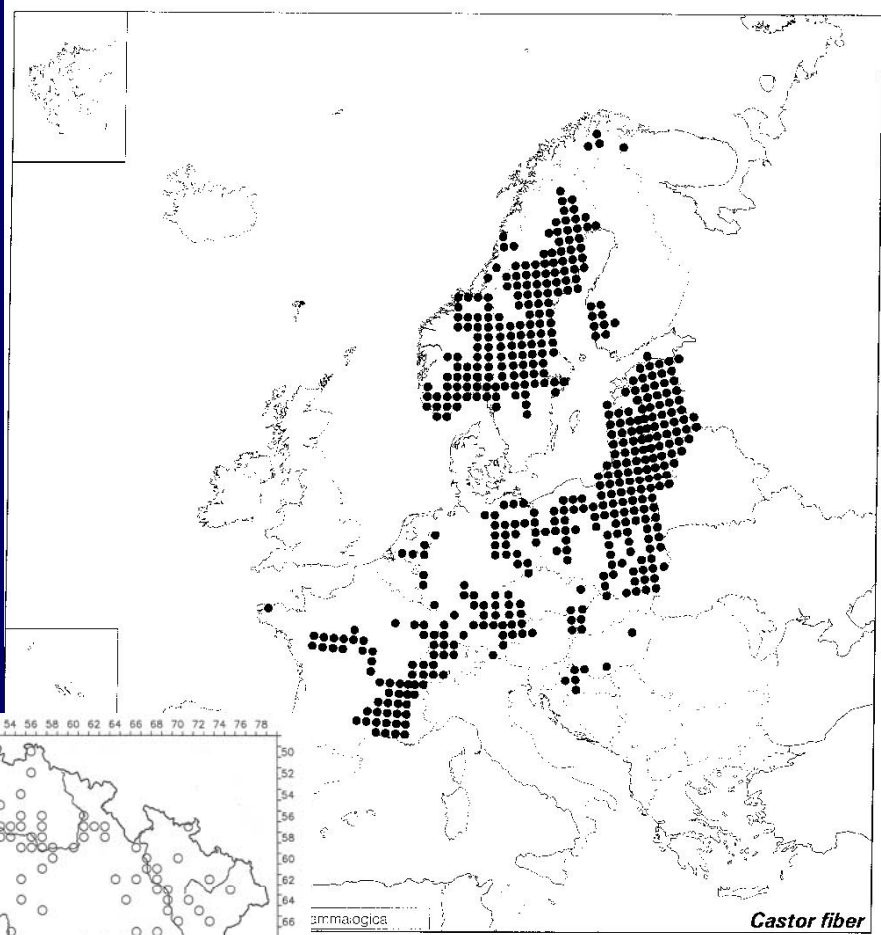
10%



Castor fiber Linnaeus, 1758
 - bobr evropský

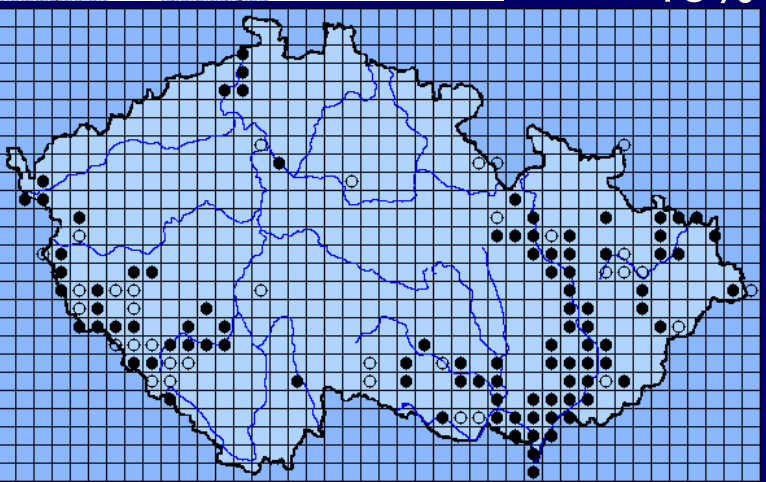


© Milan Kofínek

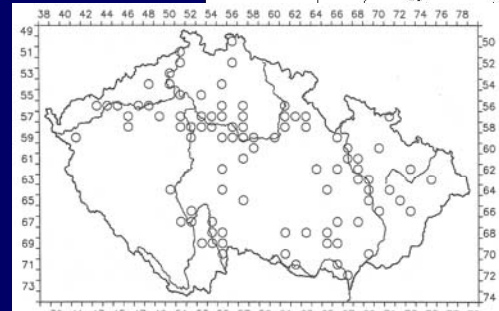


VU, NT, SO

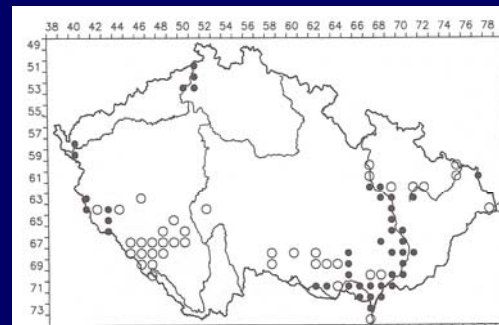
15%



1975-1999



Obr. 5: Historický výskyt bobra evropského (*Castor fiber*) na území ČR (10.-19. století).



Obr. 6: Bobr evropský (*Castor fiber*) - výskyt v období 1975-1999 (○ - přechodný výskyt,

18.-19. st.

2000-2004

18.-19. st.

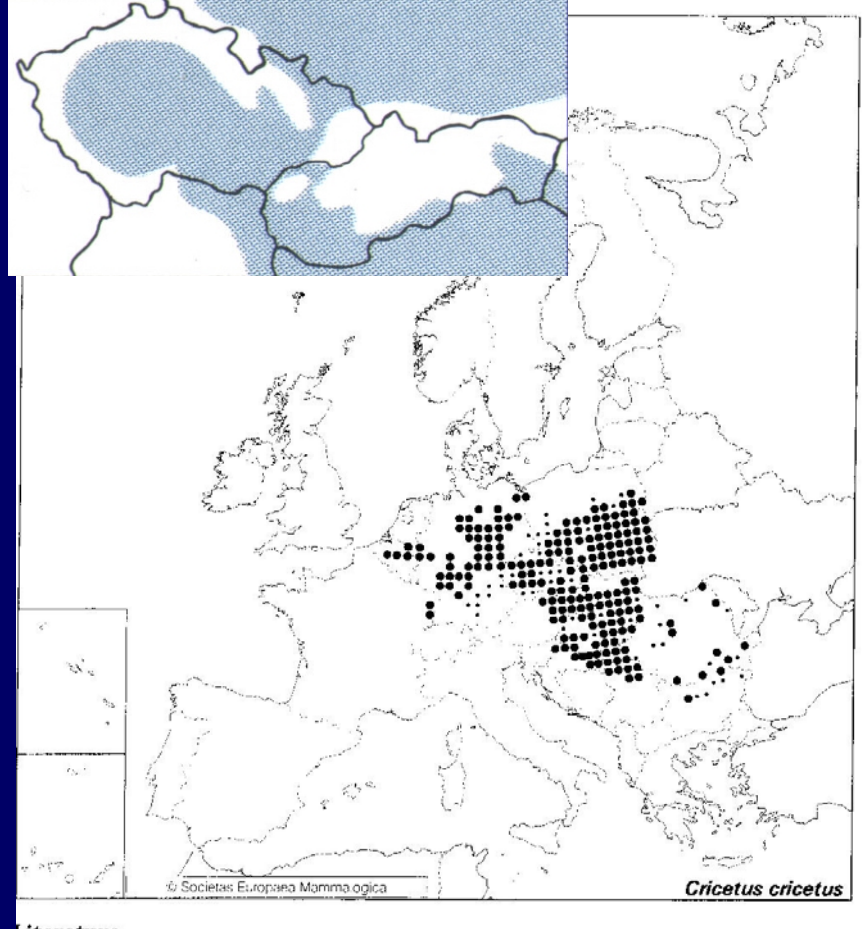
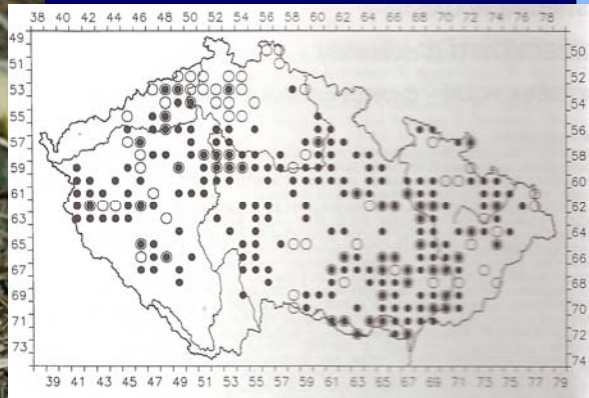
Cricetus cricetus Linnaeus, 1758

- křeček polní



-, -, SO

36%



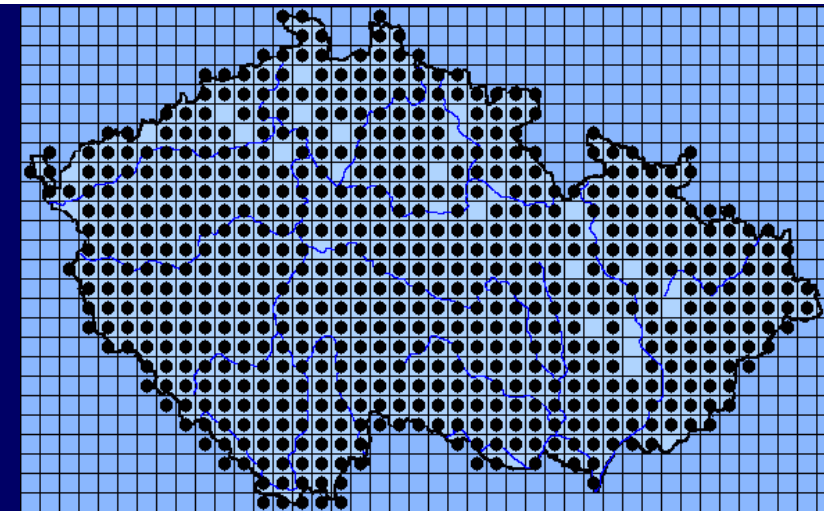
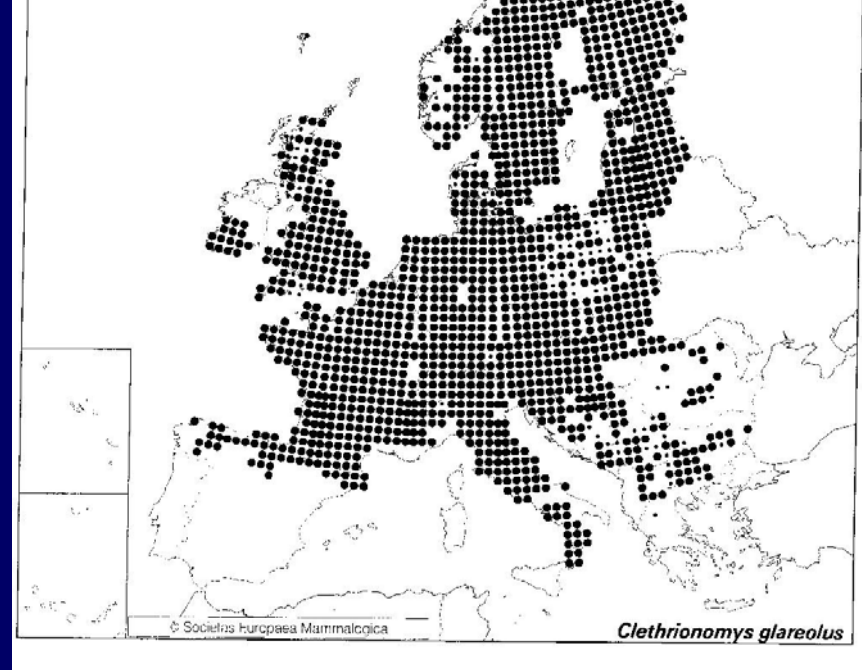
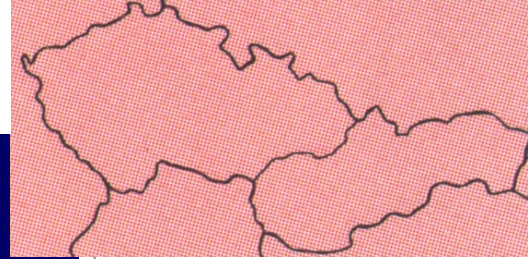
Myodes glareolus (Schreber, 1780)
- norník rudý (*Clethrionomys glareolus*)

© Miloš Anděra



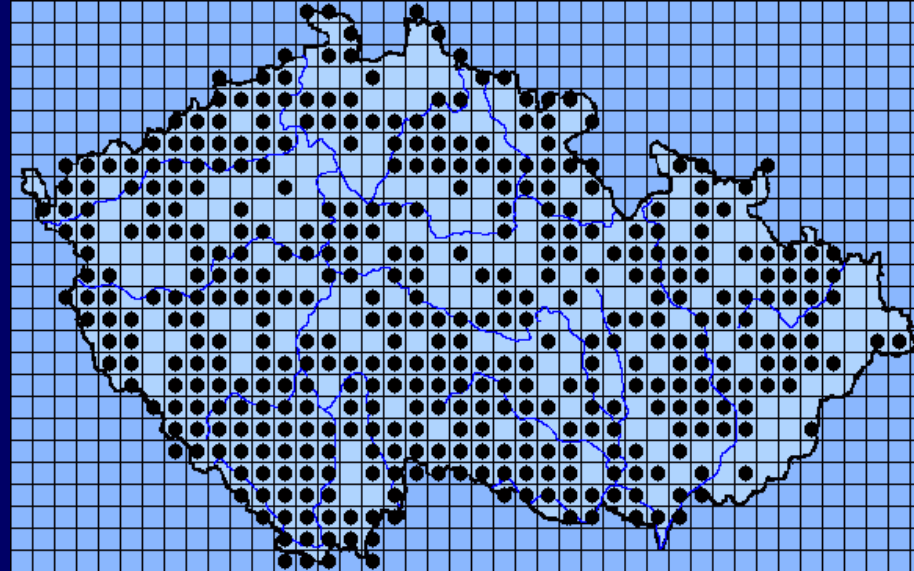
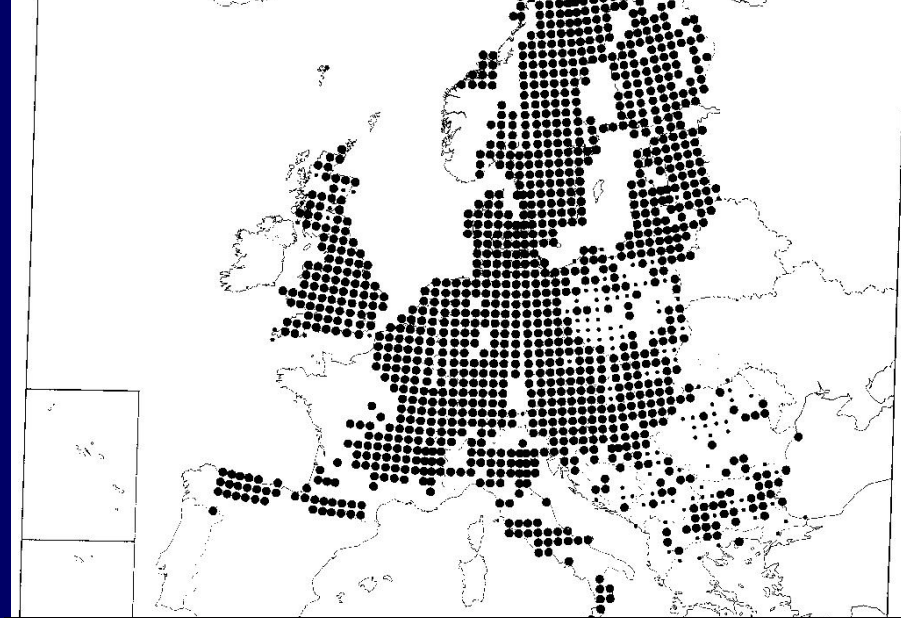
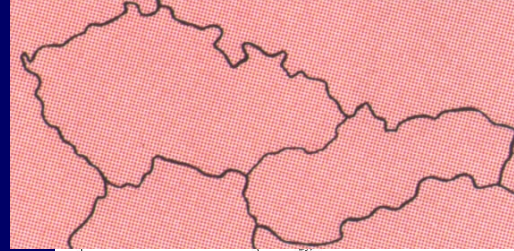
-, -, -

© Miloš Anděra



99%

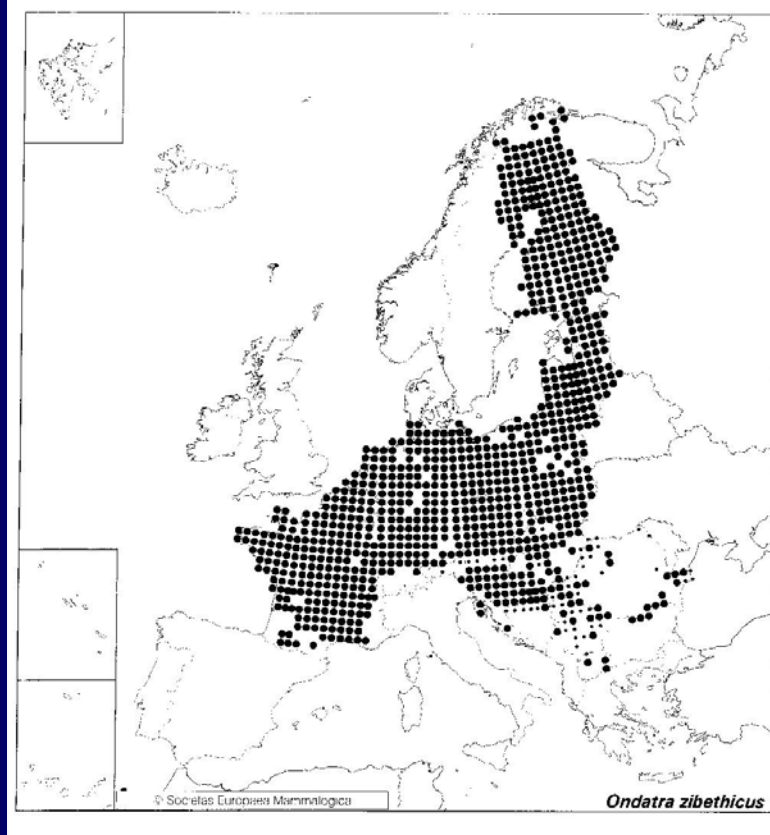
Arvicola terrestris (Linnaeus, 1758)
- hryzec vodní (*A. amphibius*)



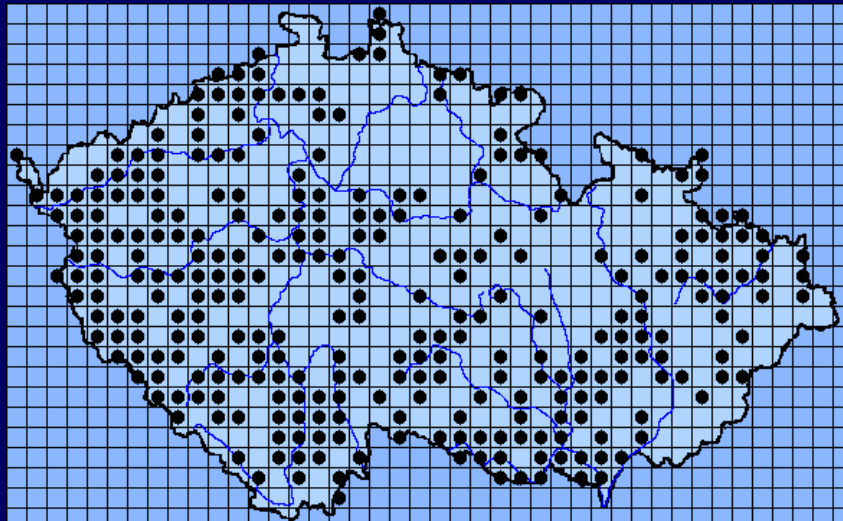
-, -, -

67%

Ondatra zibethicus (Linnaeus, 1766)
- ondatra pižmová



47%



Microtus arvalis (Pallas, 1778)

- hraboš polní



-, -, -

Microtus agrestis (Linnaeus, 1761)

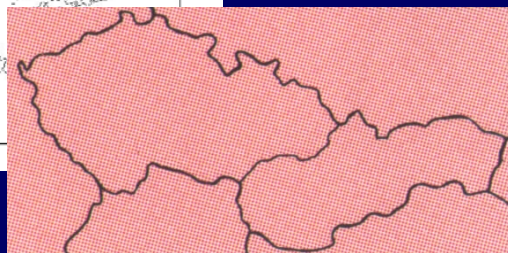
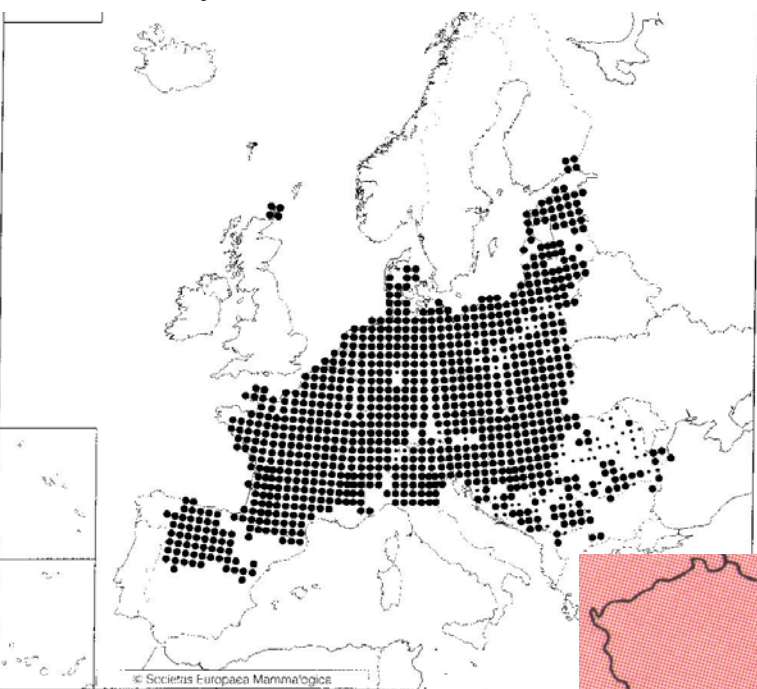
- hraboš mokřadní



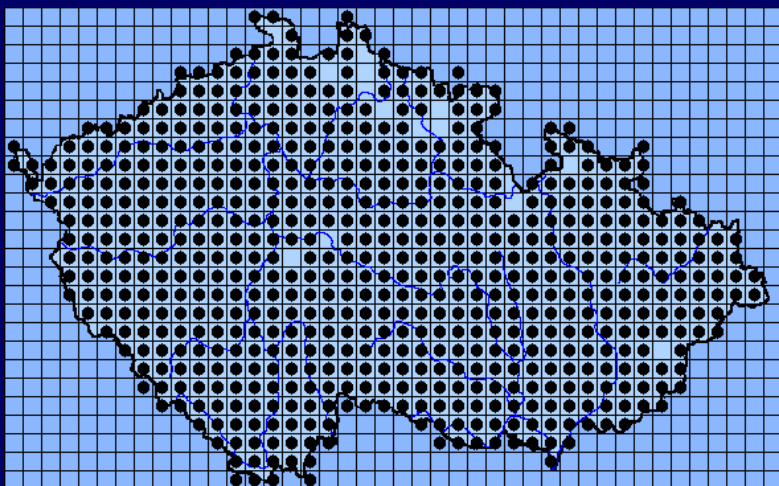
-, -, -

Microtus arvalis (Pallas, 1778)

- hraboš polní

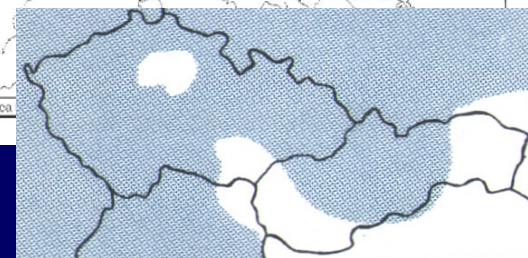
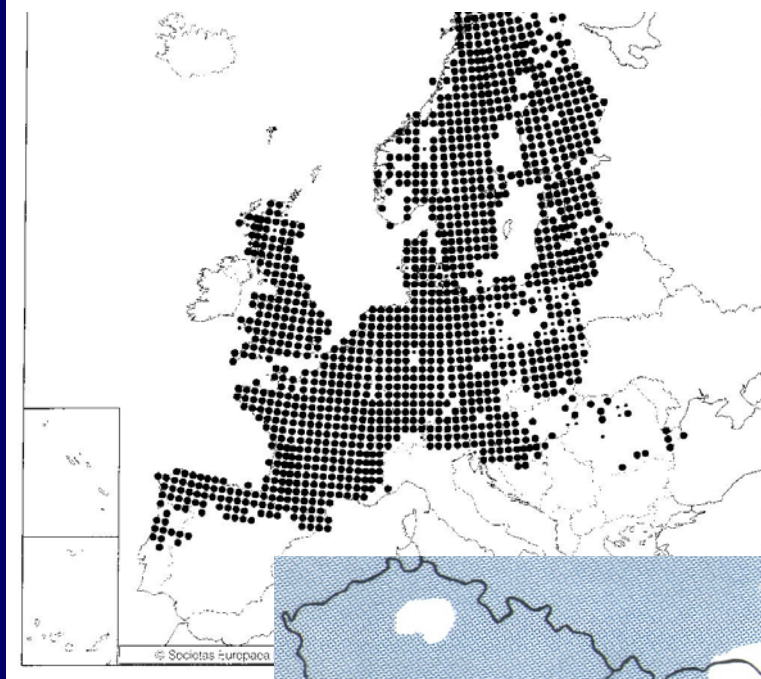


100%

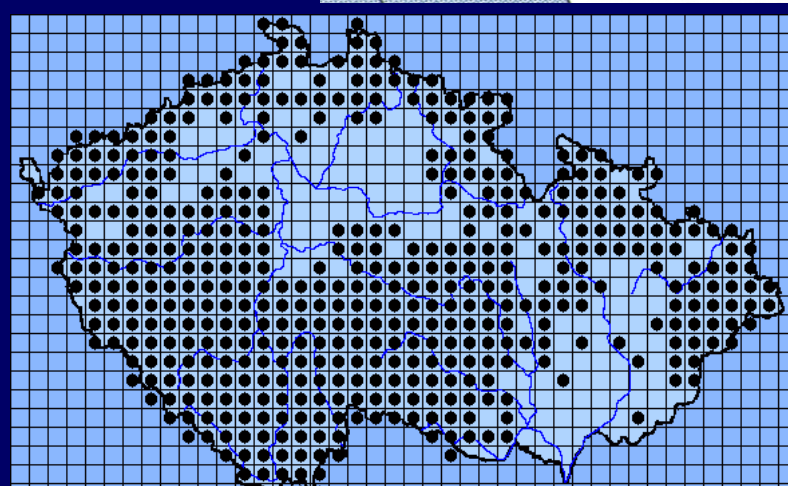


Microtus agrestis (Linnaeus, 1761)

- hraboš mokřadní



75%



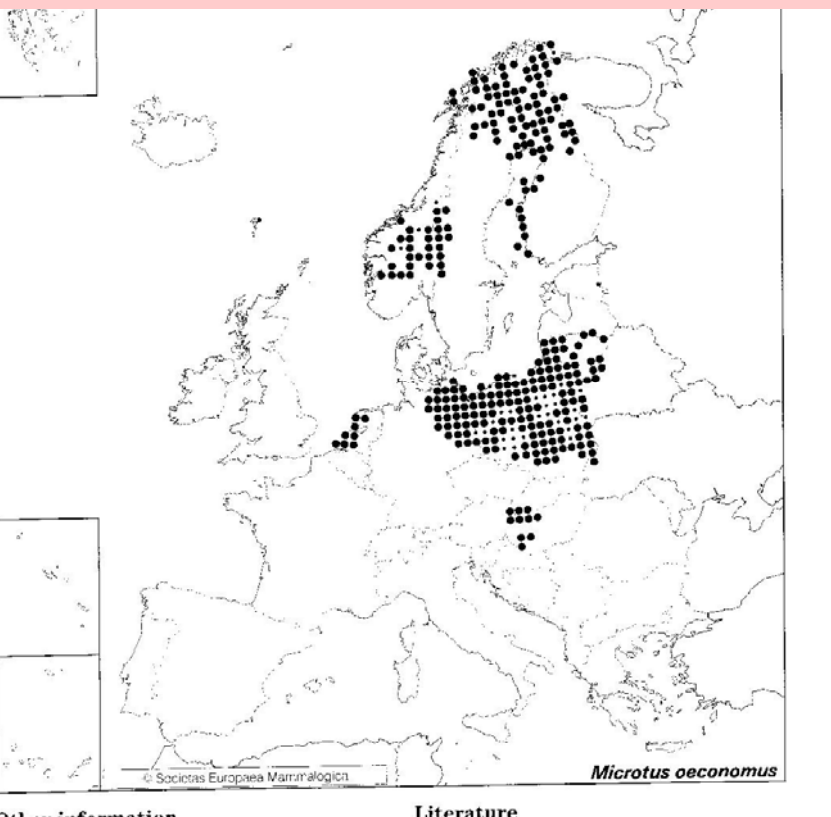
Microtus oeconomus (Pallas, 1776)
- hraboš hospodárny



Microtus tatricus (Kratochvíl, 1952)
- hrabošík tatranský

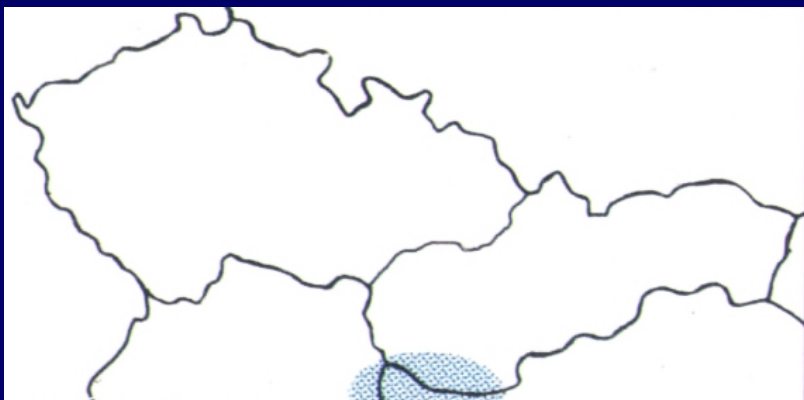


Microtus oeconomus (Pallas, 1776)
- hraboš hospodárný

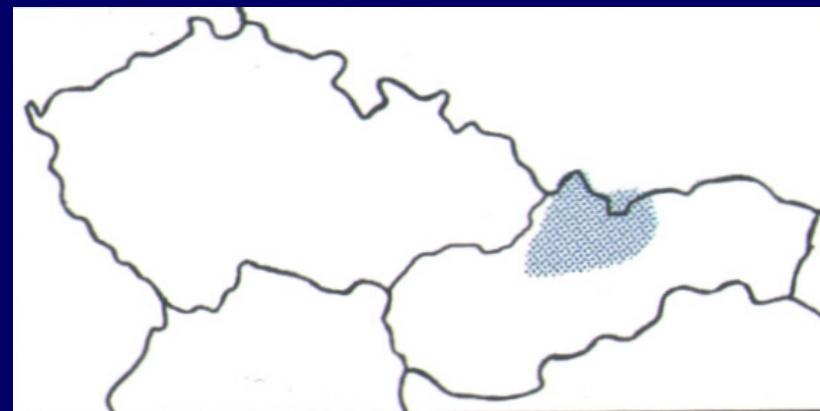
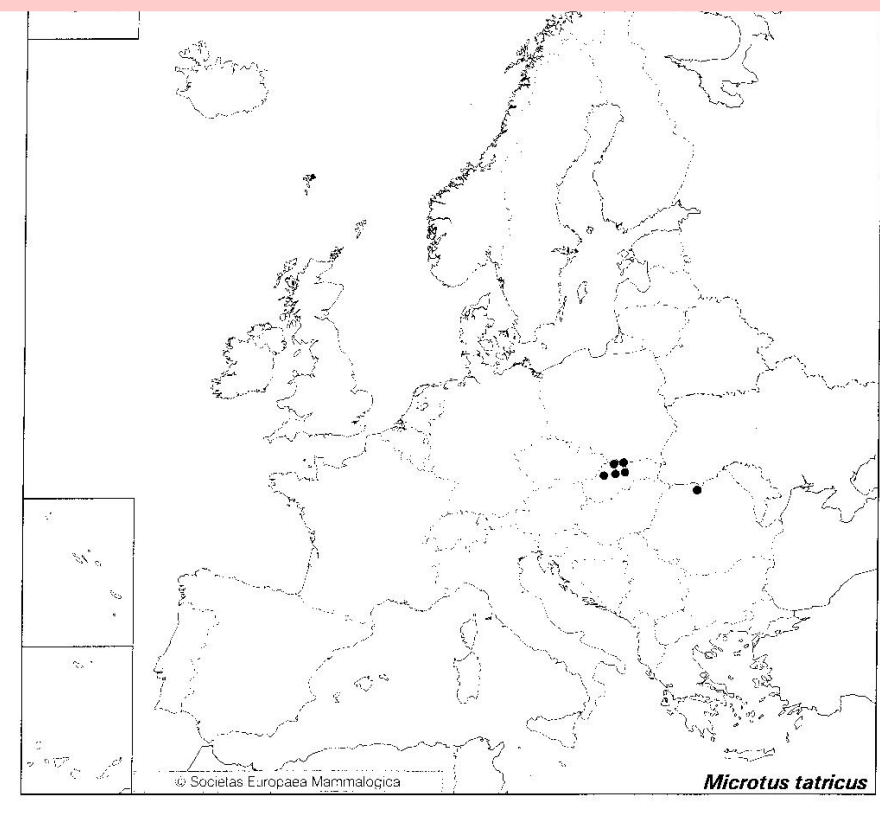


Other information

Literature



Microtus tatricus (Kratochvíl, 1952)
- hrabošík tatranský



Microtus subterraneus (de Sélys-Longchamps, 1836)
- hrabošík podzemní

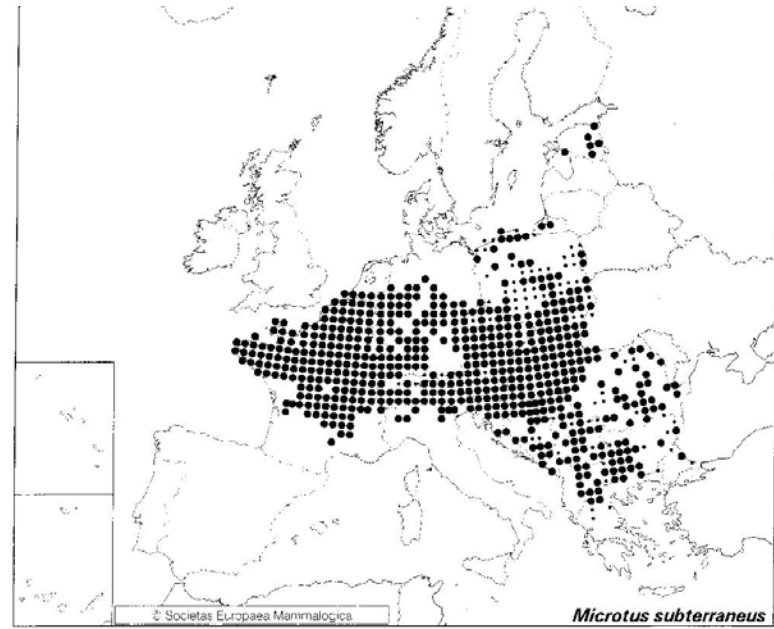


Chionomys nivalis (Martins, 1842)
- hraboš sněžný

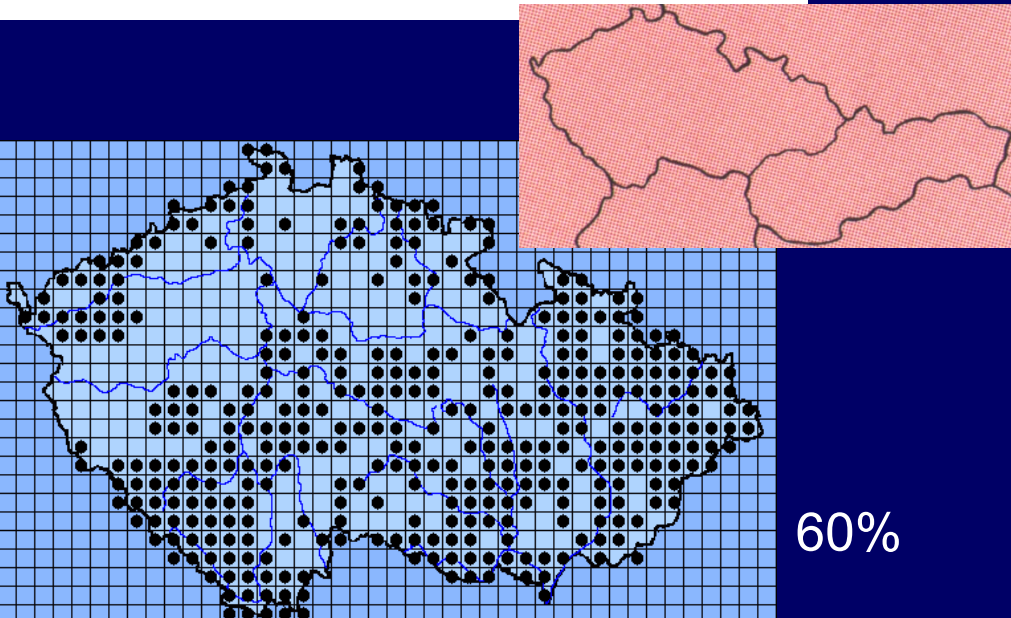
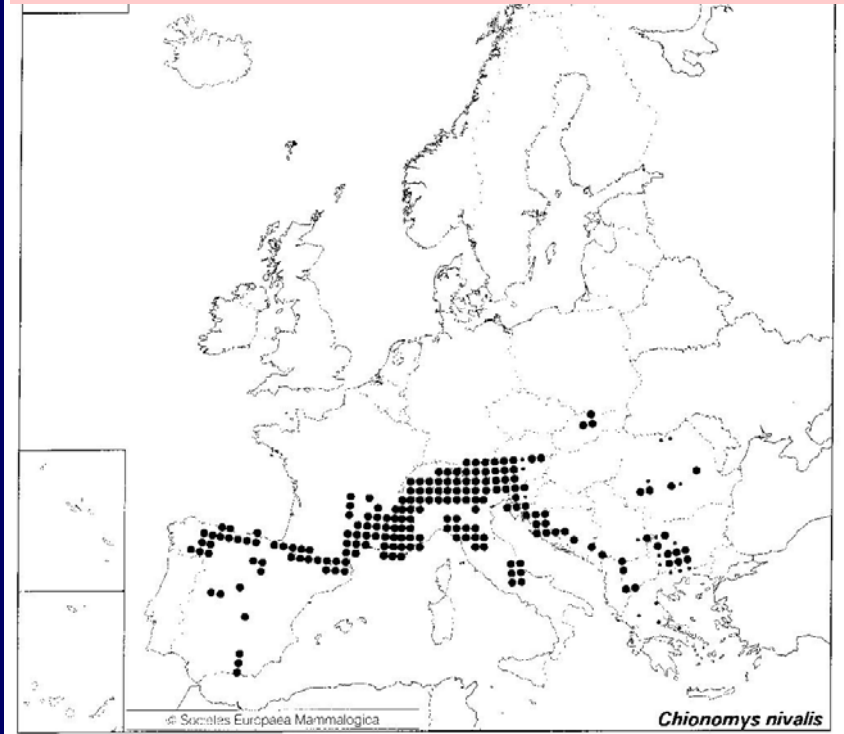


-, -, -

Microtus subterraneus
(de Sélys-Longchamps, 1836)
- hrabošík podzemní



Chionomys nivalis (Martins, 1842)
- hraboš sněžný



60%

Apodemus flavicollis (Melchior, 1834)
- myšice lesní



Apodemus sylvaticus (Linnaeus, 1758)
- myšice křovinná



© Miloš Anděra



© - josef hlasek
www.hlasek.com
Apodemus flavicollis a597

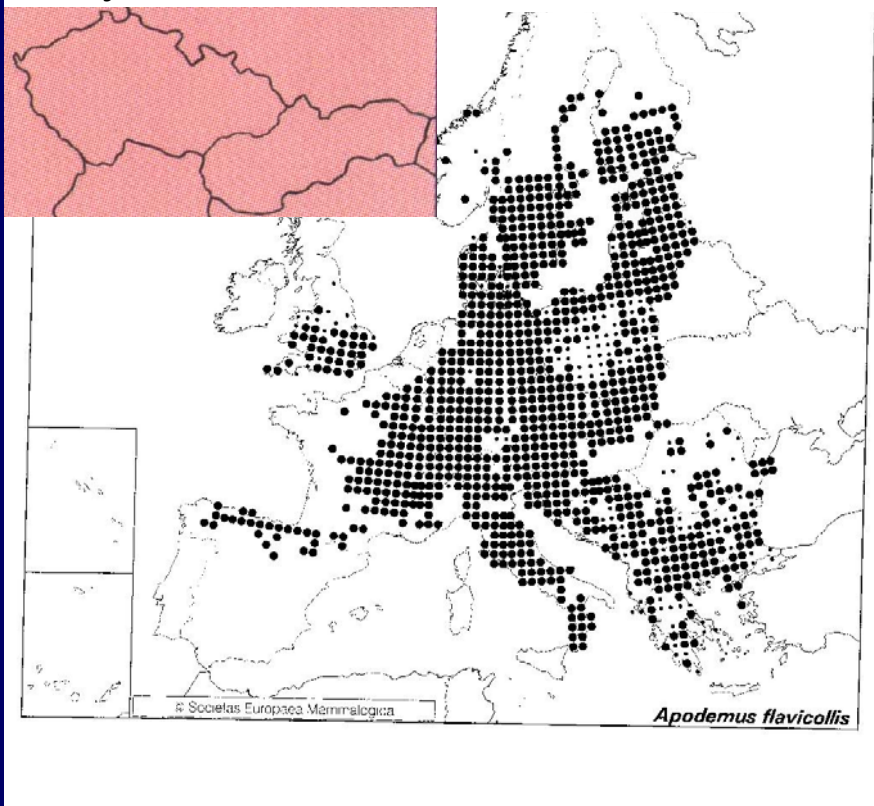


-, -, -

-, -, -

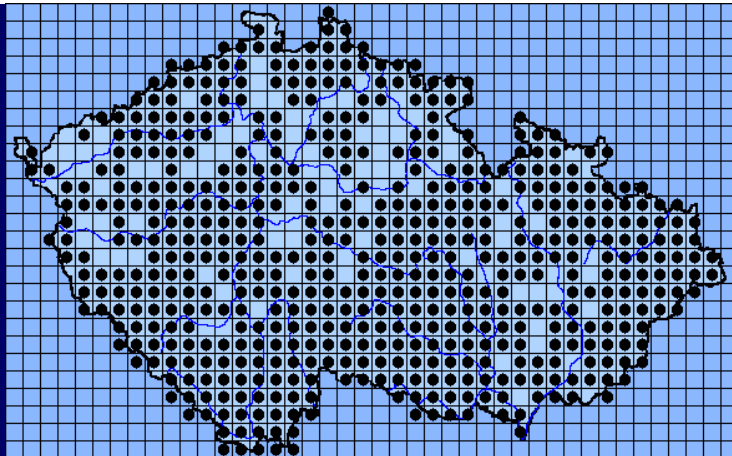
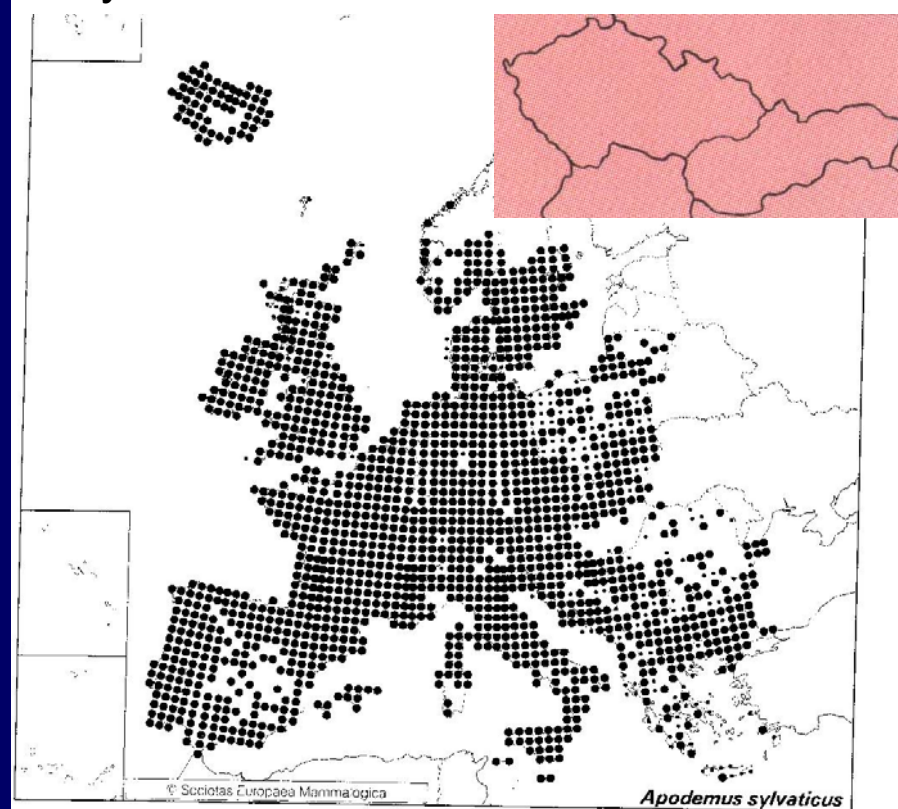
Apodemus flavicollis (Melchior, 1834)

- myšice lesní



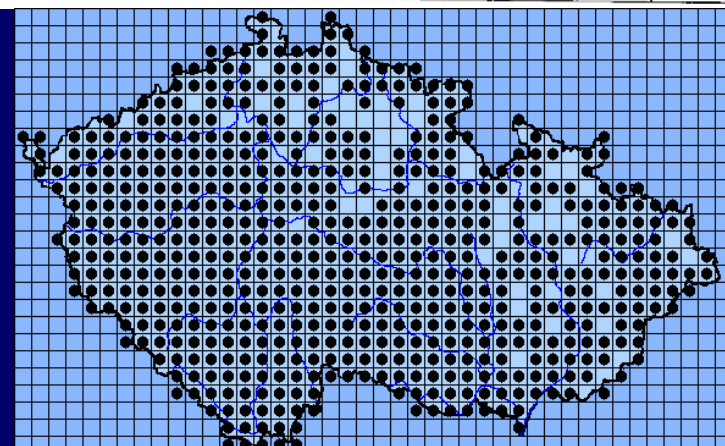
Apodemus sylvaticus (Linnaeus, 1758)

- myšice křovinná



86%

93%



Apodemus agrarius (Pallas, 1771)
- myšice temnopásá



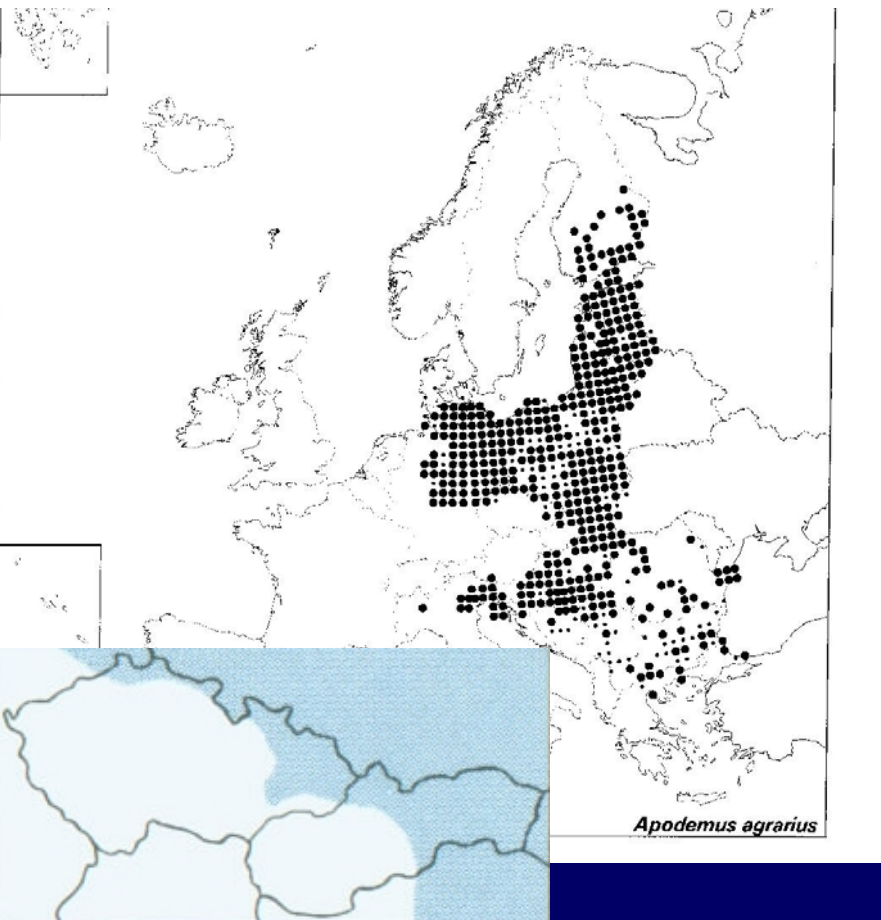
-, -, -

Apodemus microps Kratochvíl et Rosický,
1952 - myšice malooká
A. uralensis Pallas, 1811



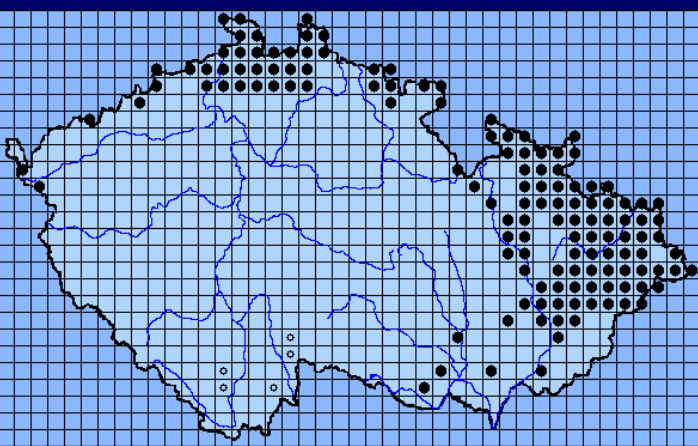
-, -, -

Apodemus agrarius - myšice temnopásá

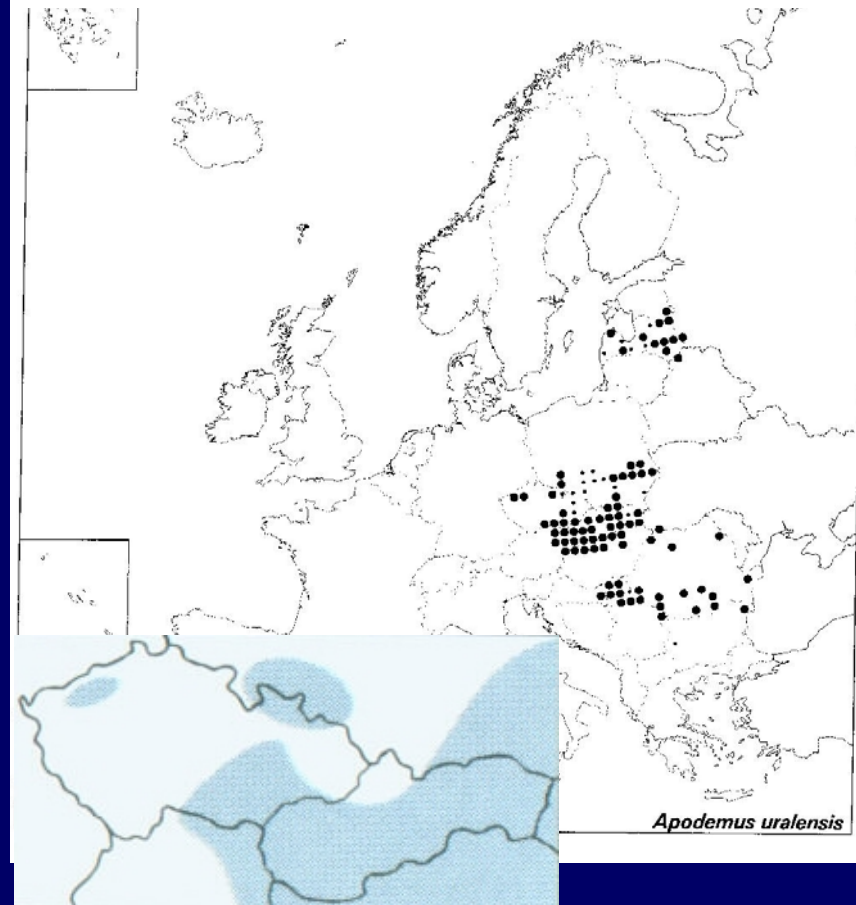


Apodemus agrarius

22%

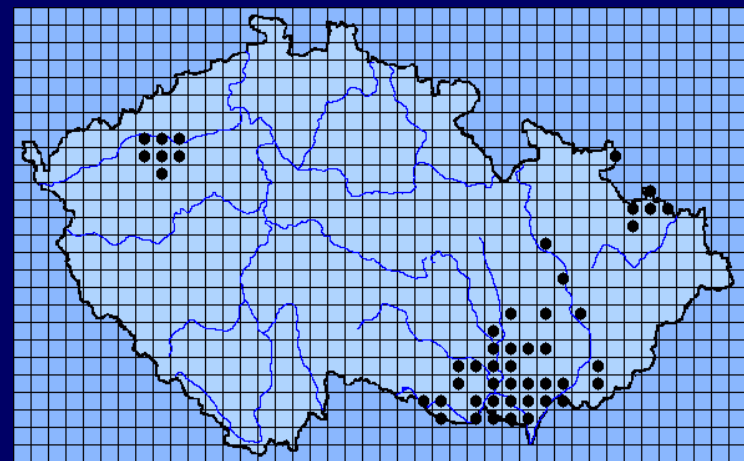


Apodemus microps - myšice malooká



Apodemus uralensis

8%



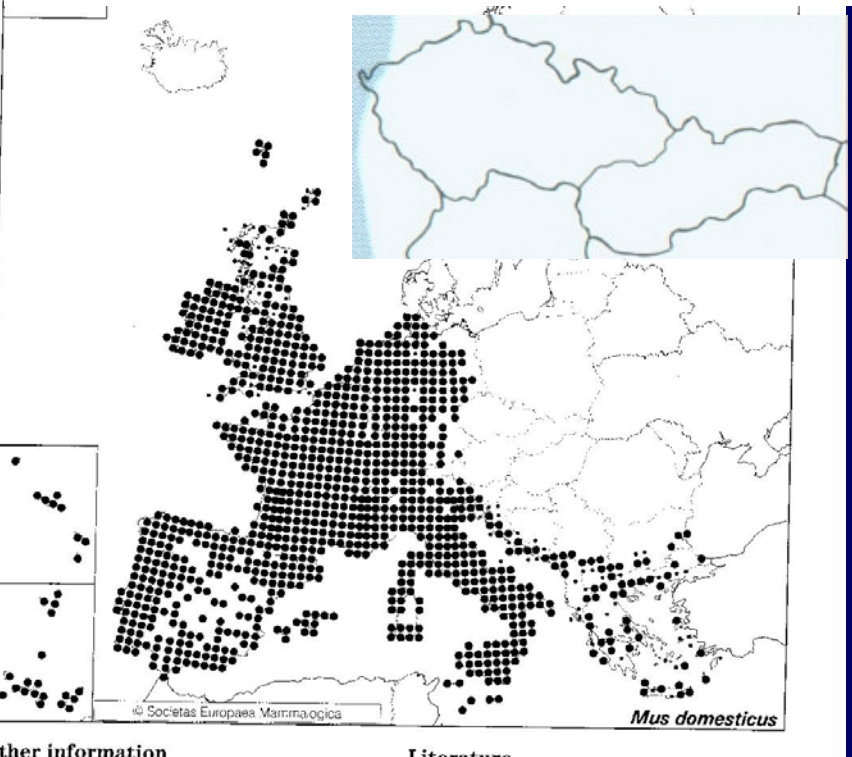
Mus domesticus Ruty, 1772
- myš západoevropská



Mus musculus Linnaeus, 1758
- myš domácí

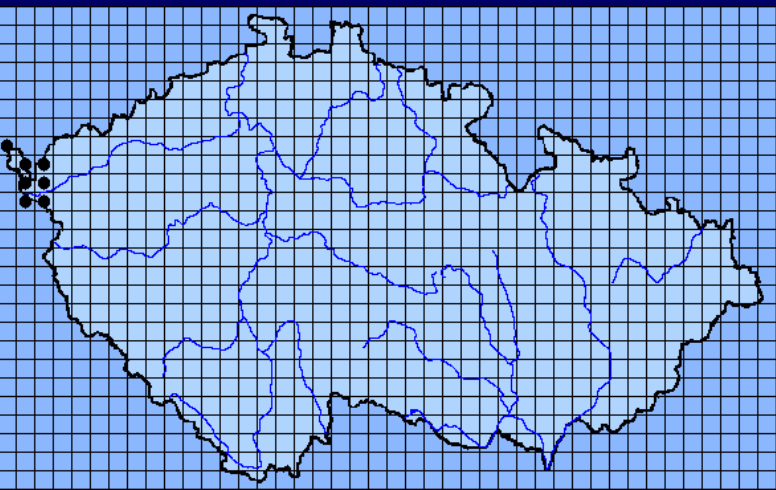
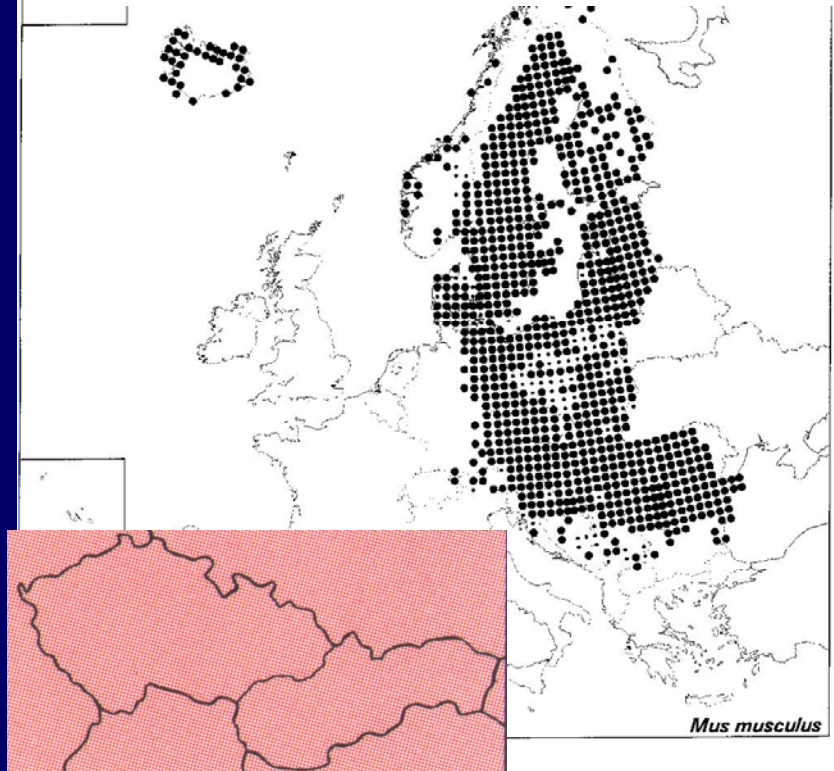


Mus domesticus Rutty, 1772
- myš západoevropská

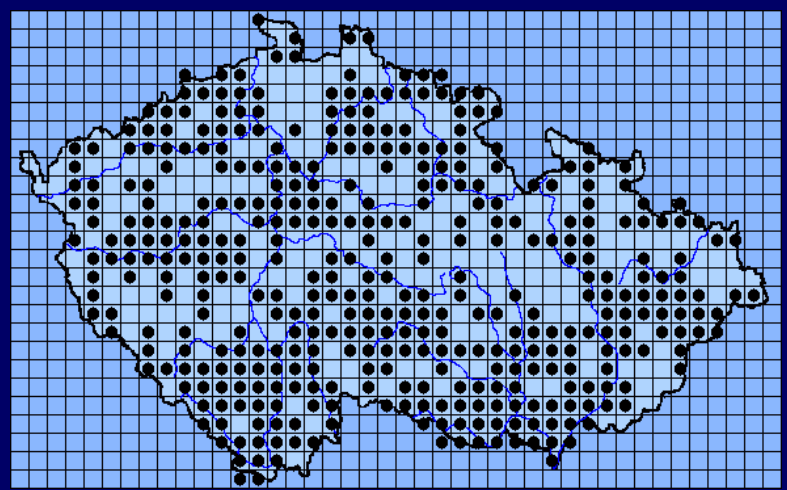


Other information Literature

Mus musculus Linnaeus, 1758
- myš domácí

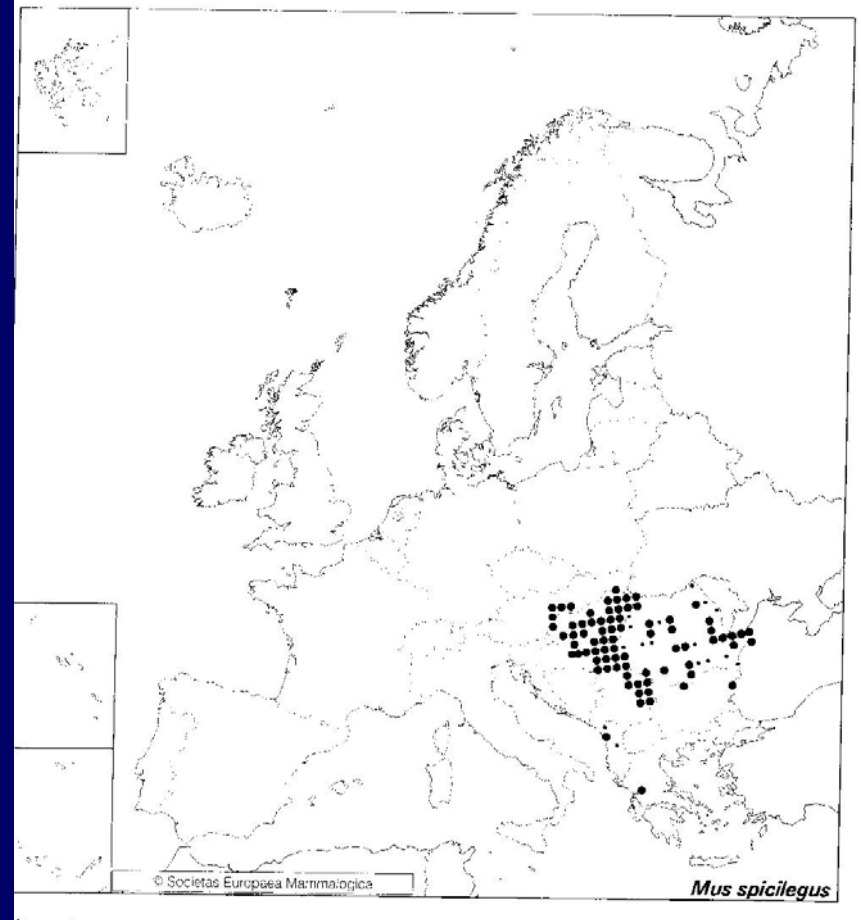


2%



63%

Mus spicilegus Petenyi, 1882
- myš panonská

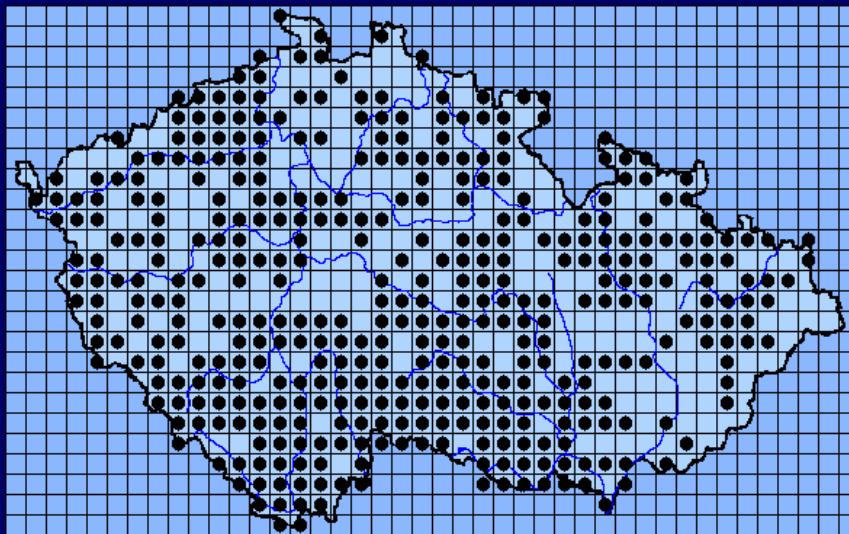
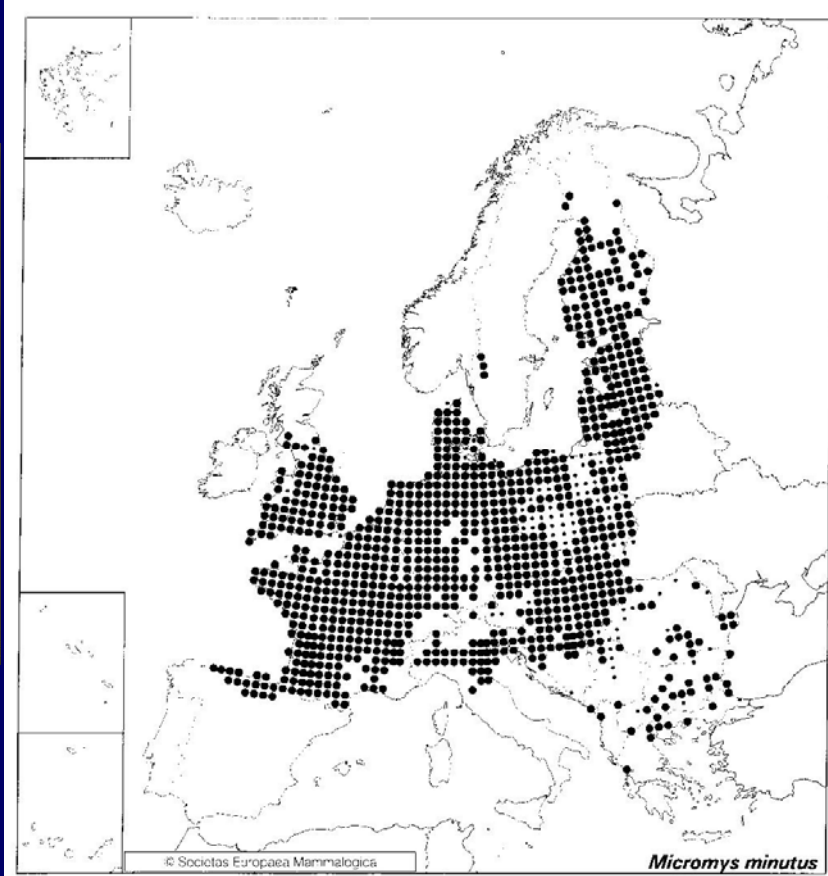


Micromys minutus (Pallas, 1771)
- myška drobná

-, -, -



64%



Rattus rattus (Linnaeus, 1758)
- krysa obecná



Rattus norvegicus (Berkenhout, 1769)
- potkan

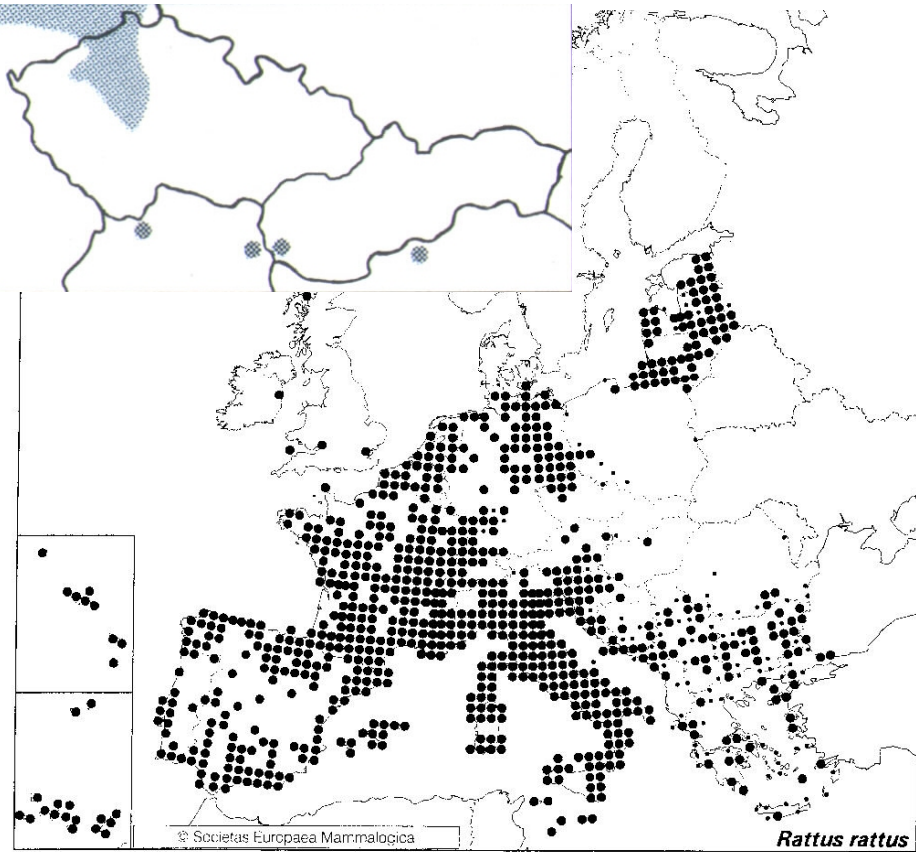


Rattus norvegicus
© Biopix.dk: JC Schou



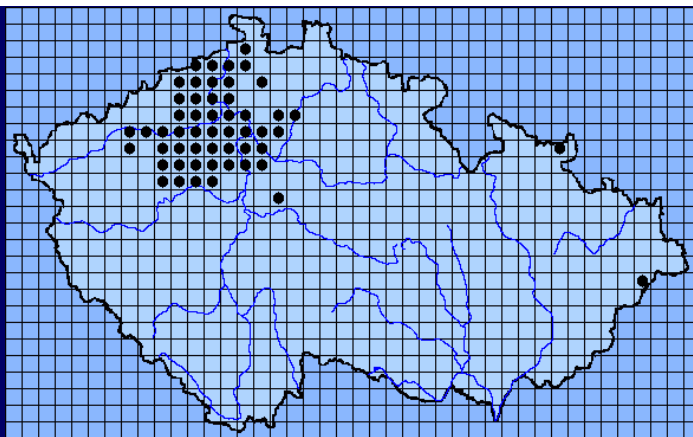
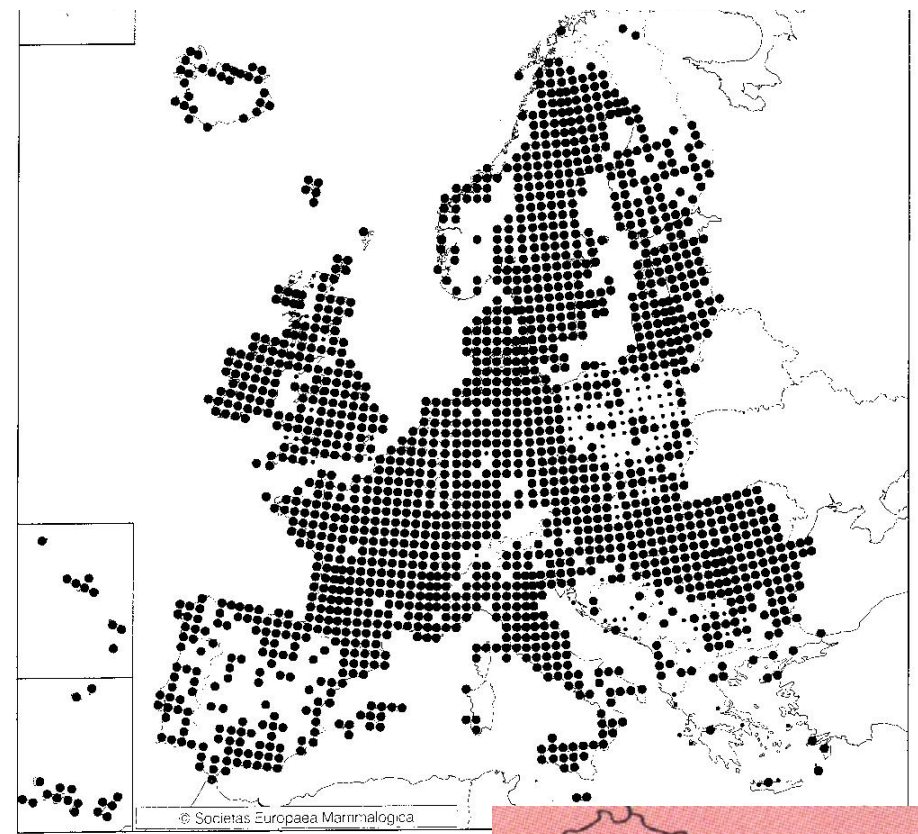
Rattus rattus (Linnaeus, 1758)

- krysa obecná

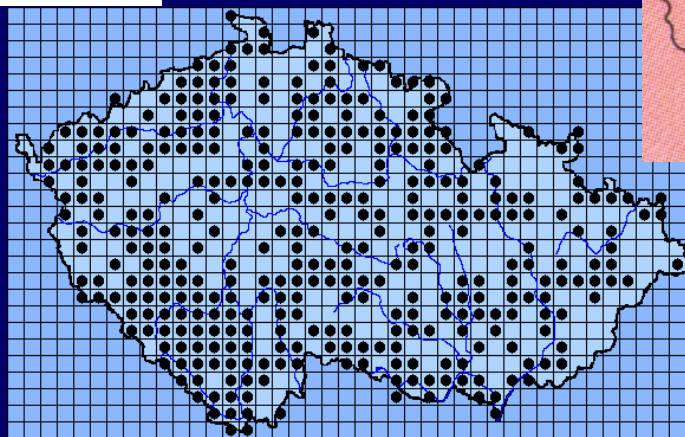


Rattus norvegicus (Berkenhout, 1769)

- potkan



9%



57%



Sicista betulina Pallas, 1779
– myšivka horská



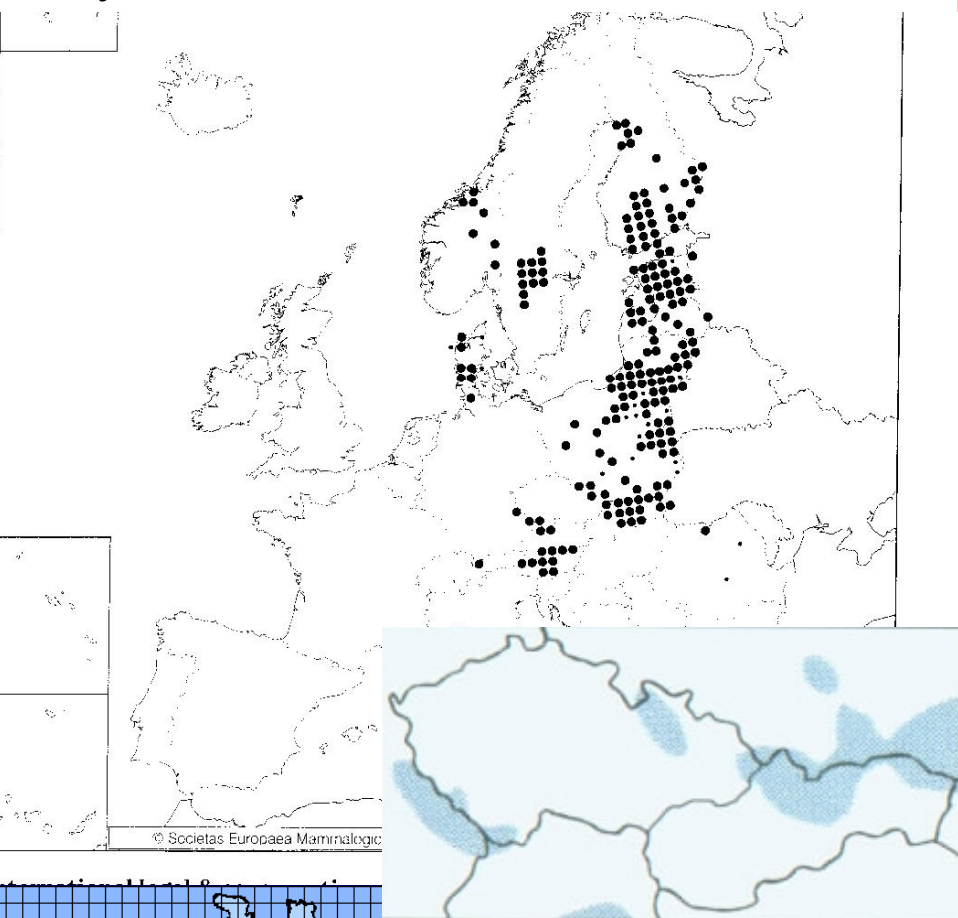
Sicista subtilis (Pallas, 1773)
– myšivka stepní



VU, LR/nt, SO

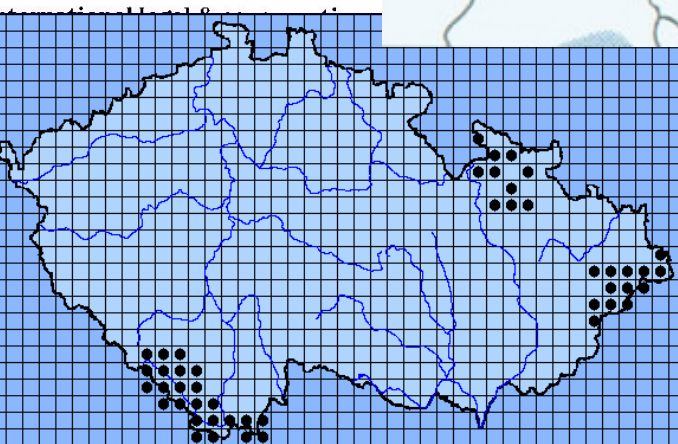
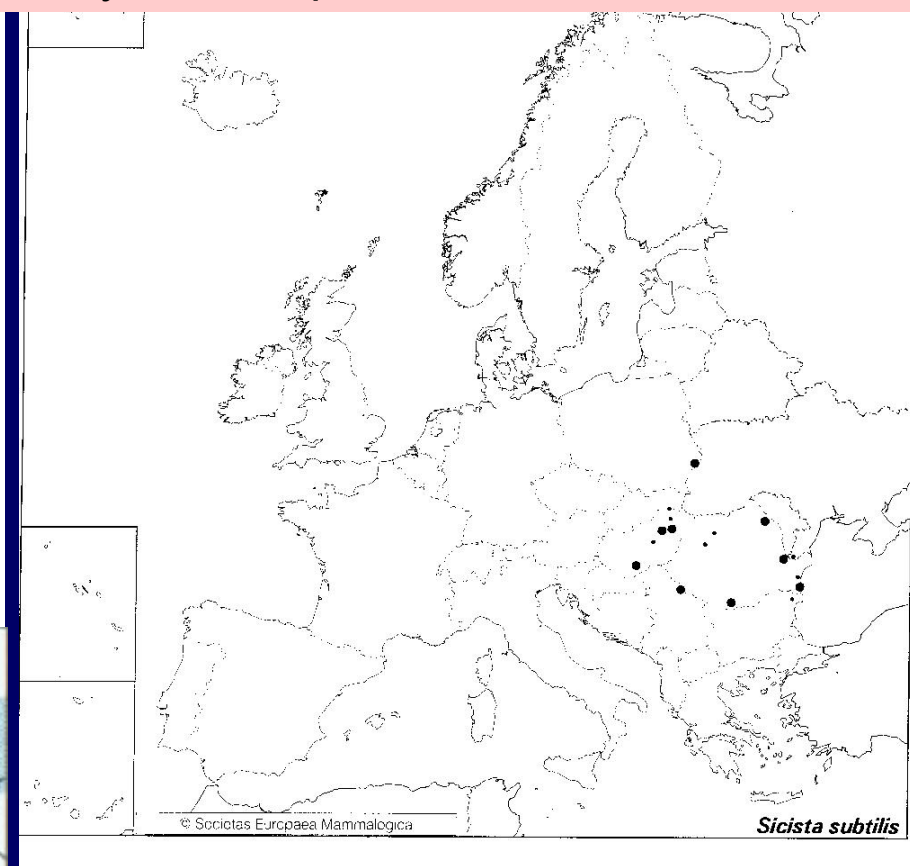
Sicista betulina Pallas, 1779

– myšivka horská



Sicista subtilis (Pallas, 1773)

– myšivka stepní



Lagomorpha - zajíci

Leporidae - zajícovití

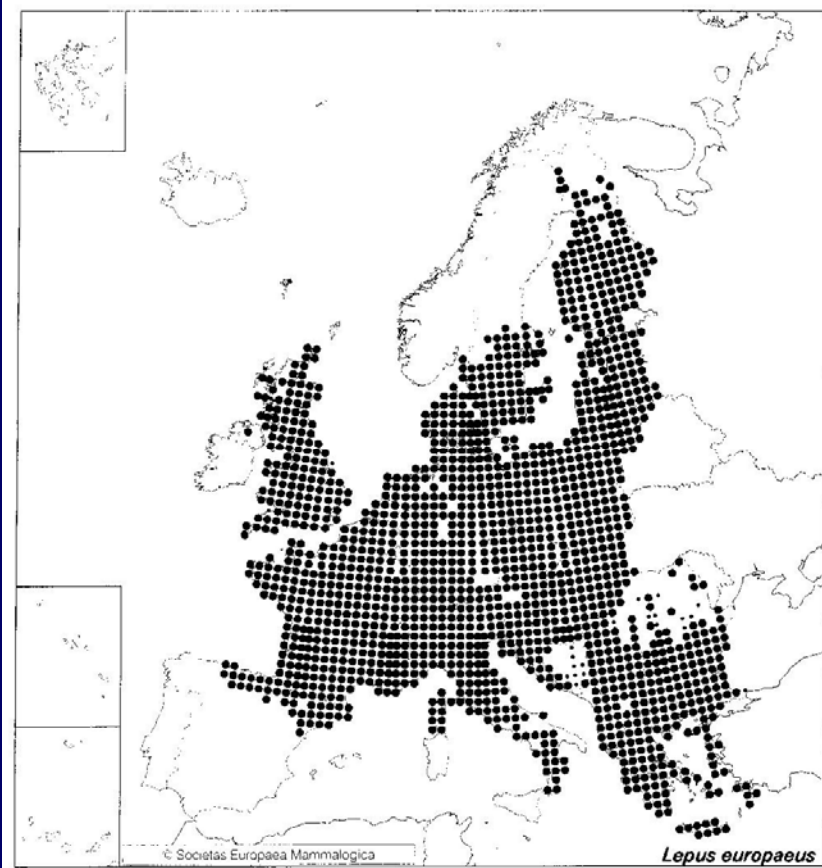
Lepus europaeus Pallas, 1778 - zajíc polní

Oryctolagus cuniculus (Linnaeus, 1758)

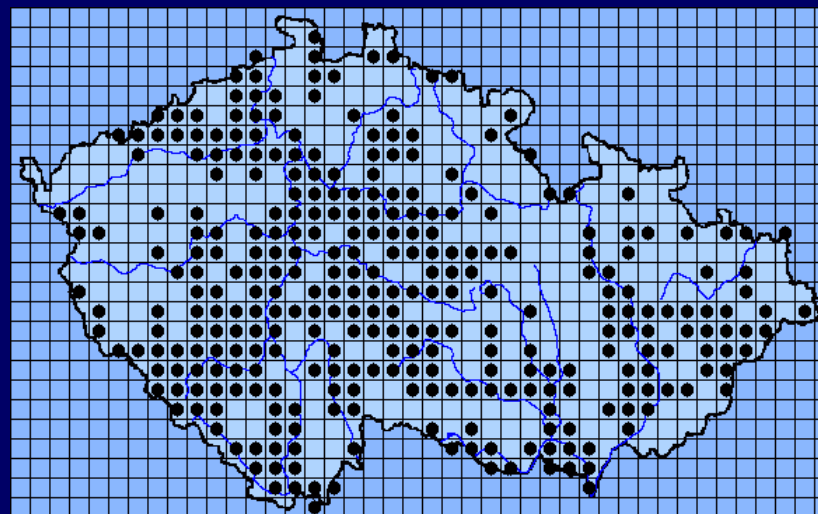
Lepus europaeus Pallas, 1778
- zajíc polní



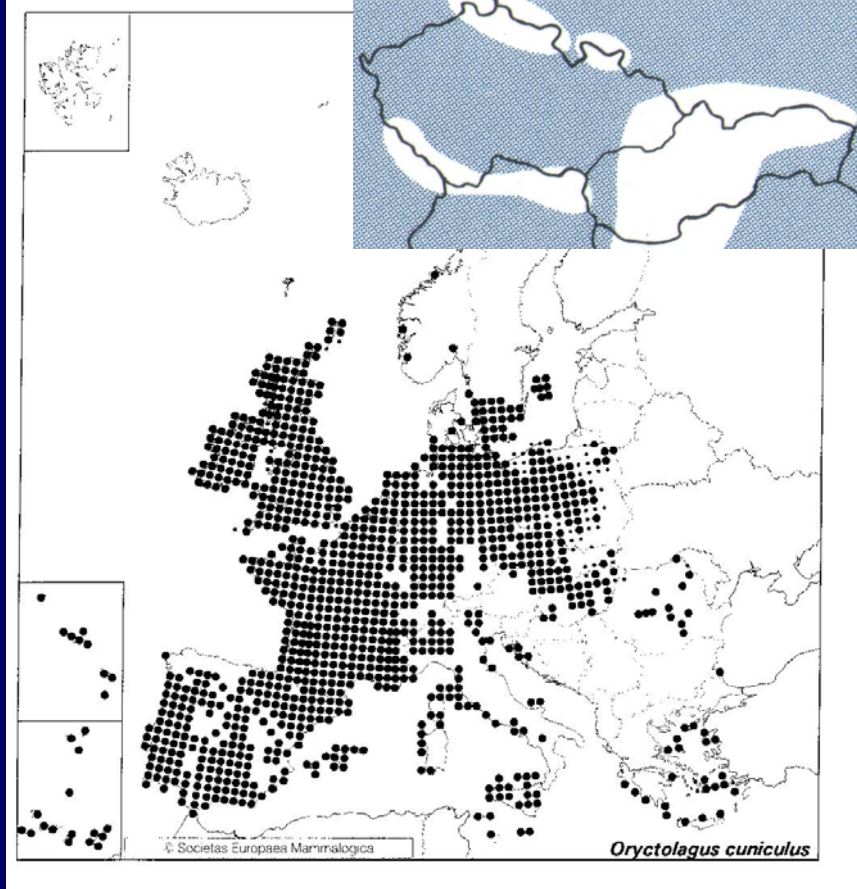
NT, -, -



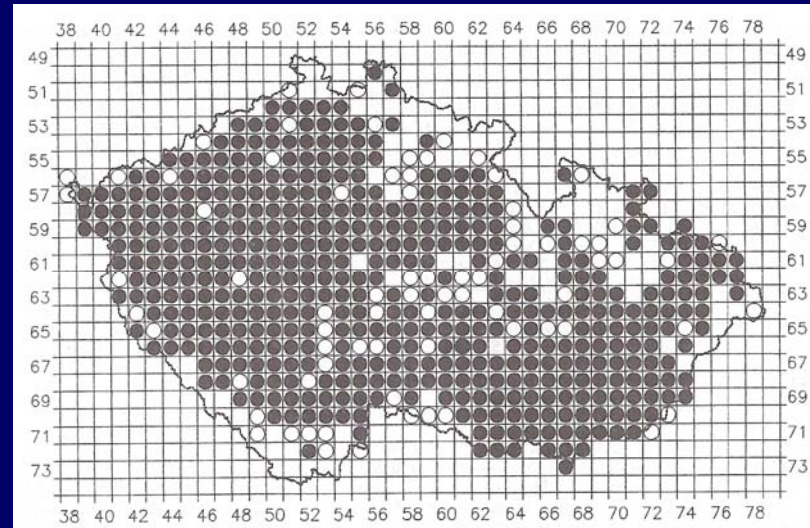
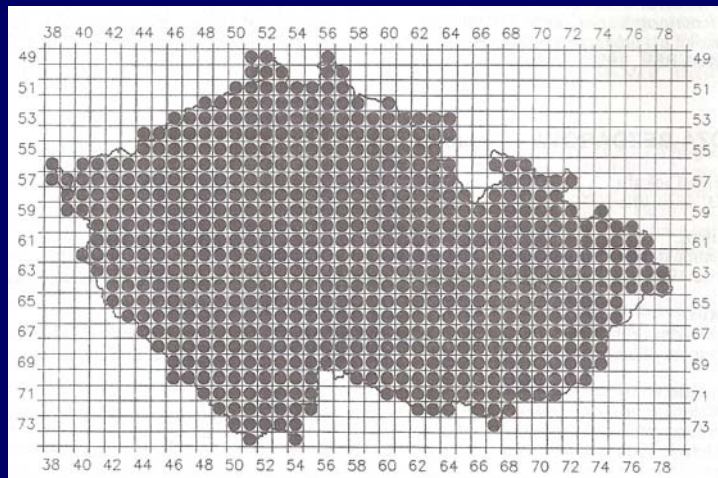
50%



Oryctolagus cuniculus (Linnaeus, 1758) - králík divoký



71%



ČR, SR - současný výskyt ve volných vodách

ČS a IUCN Plesník et al., 2004: Červený seznam obratlovců z území ČR, Příroda, Praha, 22; 2003 IUCN Red List of Threatened Species (www.redlist.org)

EX	Extinct	Vyhynulý
EW	Extinct in the wild	Vyhynulý nebo vyhubený ve volné přírodě
RE	Regionally extinct	Regionálně vymizelý
CR	Critically endangered	Kriticky ohrožený
EN	Endangered	Ohrožený
VU	Vulnerable	Zranitelný
NT	Near threatened	Téměř ohrožený
LC	Least concern	Málo dotčený
DD	Data deficient	Nedostatečné údaje
NE	Not evaluated	Nevyhodnocený

Vyhláška č. 395/92, zákon č. 114/92, o ochraně přírody a krajiny

KO	kriticky ohrožený
SO	silně ohrožený
O	ohrožený

MD - mezinárodní úmluvy a dohody

Bern	druh zařazený v přílohách (II, III)	Úmluvy o ochraně evropské fauny a flóry
Bonn	druh zařazený v přílohách (II)	Úmluvy o ochraně stěhovavých druhů volně žijících živočichů
Cites	druh zařazený v přílohách (I, II)	Úmluvy o mezinárodním obchodu ohroženými druhy volně žijících živočichů a planě rostoucích rostlin (Washington)

ES - legislativa ES

Habitats	druh zařazený v přílohách (II, V)	Směrnice č. 79/409/EC o ochraně přírodních stanovišť volně žijících živočichů a planě rostoucích rostlin
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- druh s přirozeným výskytem
- nepůvodní druh člověkem vysazený, příp. chovaný v zajetí, nebo uniklý z chovu
- druh, který se nikdy nevyskytoval

Druh		Species	ČR	SR	ČS	IUCN	vyhl. 395	vyhl. 175	MD	ES
ježek západní	jež tmavý	<i>Erinaceus europaeus</i>	+	+			-	-		
ježek východní	jež bledý	<i>Erinaceus concolor</i>	+	+			-	-		
rejsek obecný	piskor lesný	<i>Sorex araneus</i>	+	+			-	-		
rejsek malý	piskor malý	<i>Sorex minutus</i>	+	+			-	-		
rejsek horský	piskor horský	<i>Sorex alpinus</i>	+	+	VU	-	SO	SO	Bern III	-
rejsec vodní	dulovnica vodná	<i>Neomys fodiens</i>	+	+			-	-		
rejsec černý	dulovnica menšia	<i>Neomys anomalus</i>	+	+			-	-		
bělozubka šedá	bielozubka bielobruchá	<i>Crocidura suaveolens</i>	+	+			-	-		
bělozubka bělobřichá	bielozubka krpátá	<i>Crocidura leucodon</i>	+	+			O	O		
bělozubka tmavá	bielozubka tmavá	<i>Crocidura russula</i>	-	-						
krtek obecný	krt podzemný	<i>Talpa europaea</i>	+	+			-	-		
vrápenec malý	podkovár krpátý	<i>Rhinolophus hipposideros</i>	+	+	EN	VU	KO	KO	Bern II, EUROBATS	Habitats II
vrápenec velký	podkovár štihlokrídly	<i>Rhinolophus ferrumequinum</i>	+	+	CR	LR	KO	KO	Bern II, EUROBATS	Habitats II
vrápenec jižní	podkovár južný	<i>Rhinolophus euryale</i>	-	+						
netopýr vousatý	netopier fúzatý	<i>Myotis mystacinus</i>	+	+			-	SO		
netopýr menší		<i>Myotis alcaethoe</i>	?	+			-	SO		
netopýr Brandtův	netopier Brandtov	<i>Myotis brandtii</i>	+	+			O	SO		
netopýr velkouchý	netopier veľkouchý	<i>Myotis bechsteinii</i>	+	+	DD	VU	SO	SO	EUROBATS	Habitats IV
netopýr brvitý	netopier brvitý	<i>Myotis emarginatus</i>	+	+	VU	VU	O	KO	Bern II, EUROBATS	Habitats
netopýr řasnatý	netopier riasnatý	<i>Myotis nattereri</i>	+	+			-	SO		
netopýr velký	netopier veľký	<i>Myotis myotis</i>	+	+	VU	LR/nt	SO	KO	Bern II, EUROBATS	Habitats II
netopýr východní (ostro)	netopier ostrouchý	<i>Myotis blythii</i>	+	+	CR		SO	SO	Bern I, EUROBATS	Habitats II
netopýr vodní	netopier vodný	<i>Myotis daubentonii</i>	+	+			-	SO		
netopýr pobřežní	netopier pobrežný	<i>Myotis dasycneme</i>	+	+	CR	VU	SO	KO	Bern II, EUROBATS	Habitats II
netopýr pestrý	netopier pestrý	<i>Vespertilio murinus</i>	+	+	DD	-	O	SO	Bern II, EUROBATS	Habitats IV
netopýr večerní	netopier pozdný	<i>Eptesicus serotinus</i>	+	+			-	SO		
netopýr severní	netopier severský	<i>Eptesicus nilssonii</i>	+	+			-	SO		
netopýr rezavý	netopier hrdzavý	<i>Nyctalus noctula</i>	+	+			-	SO		
netopýr stromový	netopier stromový	<i>Nyctalus leisleri</i>	+	+	DD	LR/nt	SO	SO	Bern II, EUROBATS	Habitats IV
netopýr obrovský	netopier východný	<i>Nyctalus lasiopterus</i>	?	+			-	SO		
netopýr hvízdavý	netopier hvízdavý	<i>Pipistrellus pipistrellus</i>	+	+			-	SO		
netopýr nejmenší	netopier najmenší	<i>Pipistrellus pygmaeus</i>	+	+	DD		-	SO	Bern II, EUROBATS	Habitats IV
netopýr parkový	netopier parkový	<i>Pipistrellus nathusii</i>	+	+	DD		SO	SO	Bern II, EUROBATS	Habitats IV
netopýr jižní	netopier južný	<i>Pipistrellus kuhlii</i>	-	-	-		-	SO		
netopýr Saviův	netopier horský	<i>Hypsugo savii</i>	+	+	DD		-	SO	Bern II, Bonn II, EUROBATS	-
netopýr ušatý	netopier svetlý	<i>Plecotus auritus</i>	+	+			-	SO		
netopýr dlouhouchý	netopier sivý	<i>Plecotus austriacus</i>	+	+			O	SO		
netopýr černý	netopier čierny	<i>Barbastella barbastellus</i>	+	+			SO	KO		
létavec stěhovavý	netopier sťahovavý	<i>Miniopterus schreibersii</i>	-	+						
prase divoké	diviak lesný	<i>Sus scropha</i>	+	+			-	-		
srnec obecný	srnec lesný	<i>Capreolus capreolus</i>	+	+			-	-		
los	los mokrďový	<i>Alces alces</i>	+	+	EN	-	SO	SO	-	-
jelenec běloocasý	pasrnec viržinský	<i>Odocoileus virginianus</i>	+	-						
jelen lesní	jeleň lesný	<i>Cervus elaphus</i>	+	+			-	-		
sika	jeleň sika	<i>Cervus nippon</i>	+	-						
daněk evropský	daniel škvrnitý	<i>Cervus dama</i>	+	+						
koza bezoárová	koza bezoárová	<i>Capra aegagrus</i>	-	-						
kamzík horský	kamzík vrchovský	<i>Rupicapra rupicapra</i>	+	+			-	-		
muflon	muflón hôrny	<i>Ovis musimon</i>	+	+						
paovce hrivnatá	ovca hrivnatá	<i>Ammotragus lervia</i>	+	-						
zubr	zubor hrivnatý	<i>Bison bonasus</i>	-	+	RE	EN	-	-	Bern III	-

Druh	Species	ČR	SR	ČS	IUCN	vyhl. 395	vyhl. 175	MD	ES
mýval severní	medvedík čistotný	<i>Procyon lotor</i>	+	+					
kolčava	lasica myšožravá	<i>Mustela nivalis</i>	+	+		-	-		
hranostaj	hranostaj čiernochvostý	<i>Mustela erminea</i>	+	+		-	-		
norek evropský	norok európsky	<i>Mustela lutreola</i>	-	-	RE	-	-	Bern II	Habitats II
norek americký	norok americký	<i>Mustela vison</i>	+	?					
tchoř tmavý	tchor tmavý	<i>Mustela putorius</i>	+	+	DD	-	-	-	-
tchoř stepní	tchor stepný	<i>Mustela eversmannii</i>	+	+	EN	-	O KO	Bern II	-
kuna lesní	kuna lesná	<i>Martes martes</i>	+	+		-	-		
kuna skalní	kuna skalná	<i>Martes foina</i>	+	+		-	-		
jezevec lesní	jazvec lesný	<i>Meles meles</i>	+	+		-	-		
vydra říční	vydra riečna	<i>Lutra lutra</i>	+	+	VU	SO	SO	Bern II, Cites I	Habitats II
medvěd hnědý	medveď hnedý	<i>Ursus arctos</i>	+	+	CR	-	KO KO	Bern II, Cites II	Habitats II
vlk obecný	vlk dravý	<i>Canis lupus</i>	+	+	CR	-	KO KO	Bern II, Cites II	Habitats
šakal obecný	šakal obyčajný	<i>Canis aureus</i>	-	+					
psík mývalovitý	psík medvedíkovitý	<i>Nyctereutes procyonoides</i>	+	+					
liška obecná	liška hrdzavá	<i>Vulpes vulpes</i>	+	+		-	-		
kočka divoká	mačka lesná	<i>Felis silvestris</i>	?	+	DD	-	KO KO	Bern II, Cites II	Habitats IV
rys ostrovid	rys ostrovid	<i>Lynx lynx</i>	+	+	EN	NT	SO SO	-	-
plšík lískový	plch lieskový	<i>Muscardinus avellanarius</i>	+	+			- SO		
plch velký	plch sivý	<i>Glis glis</i>	+	+	DD	LR/nt	O O	Bern III	-
plch lesní	plch lesný	<i>Dryomys nitedula</i>	+	+			O SO		
plch zahradní	plch záhradný	<i>Eliomys quercinus</i>	+	+	EN	VU	KO KO	Bern III	-
veverka obecná	veverica stromová	<i>Sciurus vulgaris</i>	+	+	NE	NT	O O	Bern III	-
sysel obecný	sysel' pasienkový	<i>Spermophilus citellus</i>	+	+	CR	VU	KO KO	Bern II	-
svišť horský	svišť vrchovský	<i>Marmota marmota</i>	-	+					
nutrie říční	nutria riečna	<i>Myocastor coypus</i>	+	+					
bobr evropský	bobor vodný	<i>Castor fiber</i>	+	+	VU	NT	KO SO	Bern III	Habitats II
bobr kanadský	bobor kanadský	<i>Castor canadensis</i>	-	-					
křeček polní	škrekok pol'ný	<i>Cricetus cricetus</i>	+	+			O SO		
normík rudý	hrdziak lesný	<i>Myodes glareolus</i>	+	+			-	-	
hryzec vodní	hryzec vodný	<i>Arvicola terrestris</i>	+	+			-	-	
ondatra pižmová	ondatra pižmová	<i>Ondatra zibethicus</i>	+	+			-	-	
hraboš polní	hraboš pol'ný	<i>Microtus arvalis</i>	+	+			-	-	
hraboš mokřadní	hraboš močiarny	<i>Microtus agrestis</i>	+	+			-	-	
hraboš hospodárny	hraboš severský	<i>Microtus oeconomus</i>	-	+					
hrabošík podzemní	hraboš podzemný	<i>Microtus subterraneus</i>	+	+			-	-	
hrabošík tatranský	hraboš tatranský	<i>Microtus tatricus</i>	-	+					
hraboš sněžný	hraboš snežný	<i>Chionomys nivalis</i>	-	+					
myšice lesní	ryšavka lesná	<i>Apodemus flavicollis</i>	+	+			-	-	
myšice křovinná	ryšavka krovinná	<i>Apodemus sylvaticus</i>	+	+			-	-	
myšice temnopásá	ryšavka tmavopása	<i>Apodemus agrarius</i>	+	+			-	-	
myšice malooká	ryšavka myšovitá	<i>Apodemus uralensis (microps)</i>	+	+			-	-	
myška drobná	myš drobná	<i>Micromys minutus</i>	+	+			-	-	
myš domácí	myš domová	<i>Mus musculus</i>	+	+			-	-	
myš západoevropská	myš západoeurópska	<i>Mus domesticus</i>	+	-			-	-	
myš panonská	myš panónska	<i>Mus spicilegus</i>	-	+					
krysa obecná	potkan tmavý	<i>Rattus rattus</i>	+	?			-	-	
potkan	potkan hnedý	<i>Rattus norvegicus</i>	+	+			-	-	
myšivka horská	myšovka horská	<i>Sicista betulina</i>	+	+	VU	LR/nt	SO SO	-	Habitats
myšivka stepní	myšovka stepná	<i>Sicista subtilis</i>	-	+					
zajíc polní	zajac pol'ný	<i>Lepus europaeus</i>	+	+	NT	-	-	Bern III	-
králík divoký	králík divý	<i>Oryctolagus cuniculus</i>	+	+			-	-	