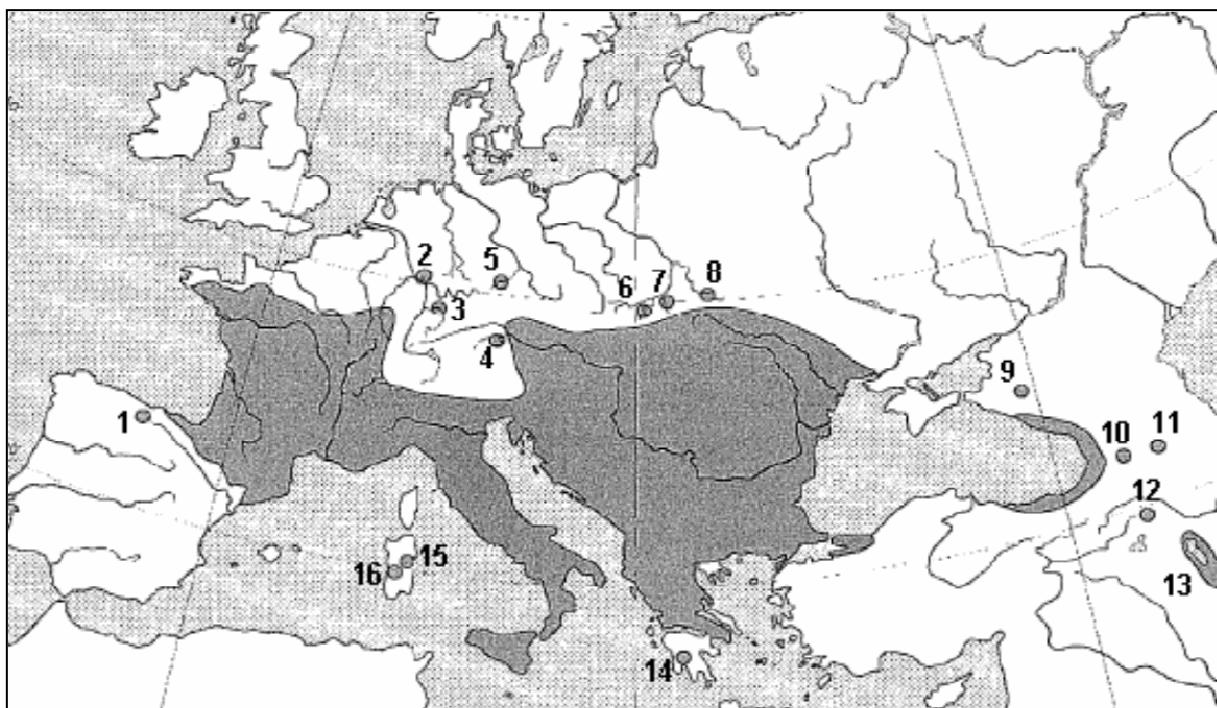


## Annex 1

**Current home range of Aesculapian Snake (*Zamenis longissimus*) (BÖHME 1993, GOMILLE 2002),**

Shown together with *Zamenis linaetus* from Southern and Central Italy

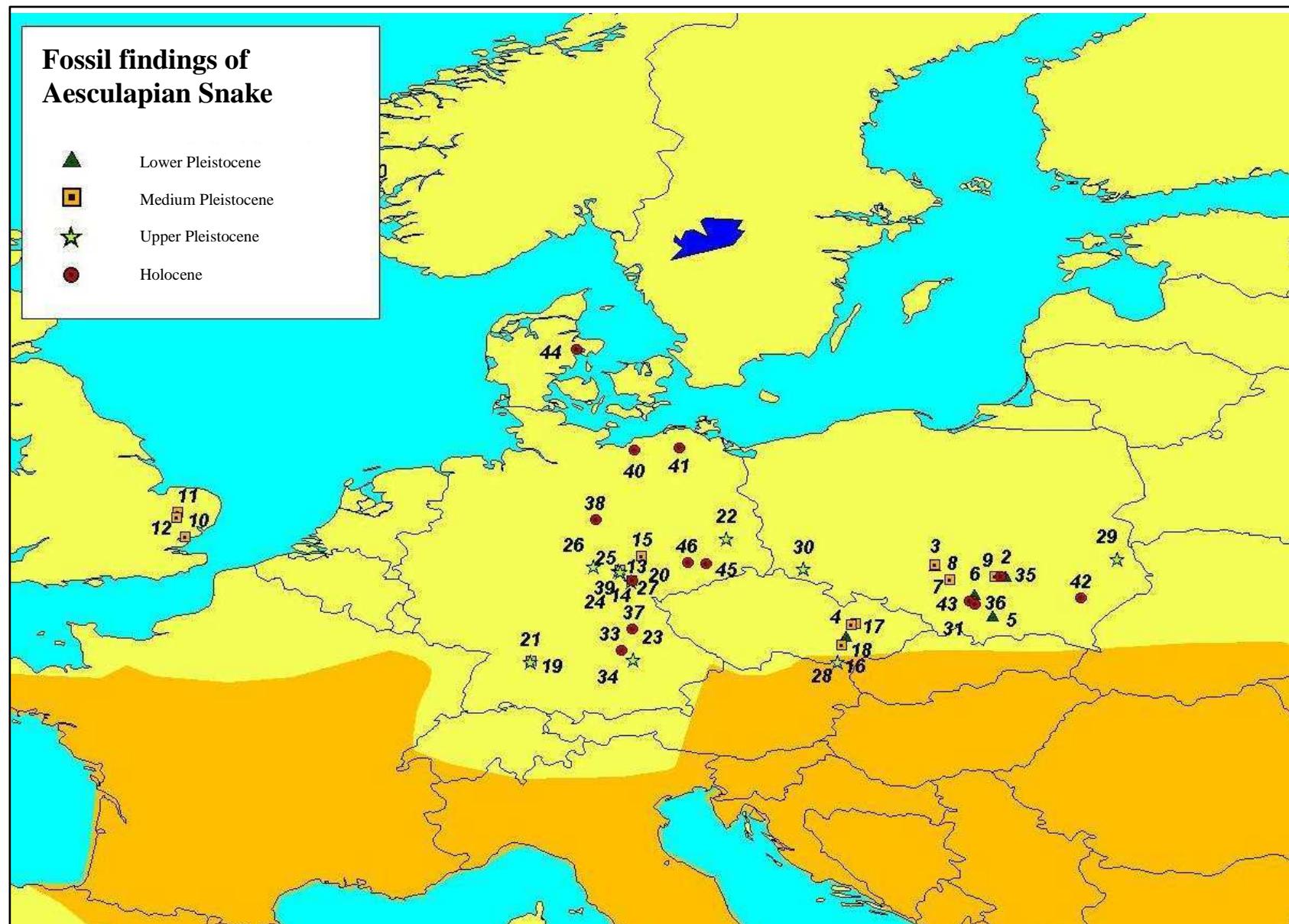


### *Isolated populations and marginal localities of Aesculapian Snake (*Zamenis longissimus*)*

|   |   |    |                                    |
|---|---|----|------------------------------------|
| 1 | Cordillera Cantábrica – Asturia, Cantábria, Spain | 9  | Bjelo – Labinsky region, Krasnodar |
| 2 | Schlangenbad, Rheingau – Taunus, Germany          | 10 | Borhomsky region, Georgia          |
| 3 | Hirschhorn, Neckar – Odenwald, Germany            | 11 | Kakhetinsky region, Georgia        |
| 4 | Burghausen, Salzach, Germany                      | 12 | Ararat, Turkey                     |
| 5 | Poohří, Karlovy Vary, Czech Republic              | 13 | Lake Urmia, Iran                   |
| 6 | Zloty creek, Czestochowa, Poland                  | 14 | Kalamata, Greece                   |
| 7 | Zarzecze, Krynica, Poland                         | 15 | SW Nuoro, Sardinia                 |
| 8 | Zamojszczyzna, Roztocze, Poland                   | 16 | Monte Ferru, Sardinia              |

## Annex 2

### Fossil findings of Aesculapian Snake (*Zamenis longissimus*) above the Northern boundary of the current coherent distribution range



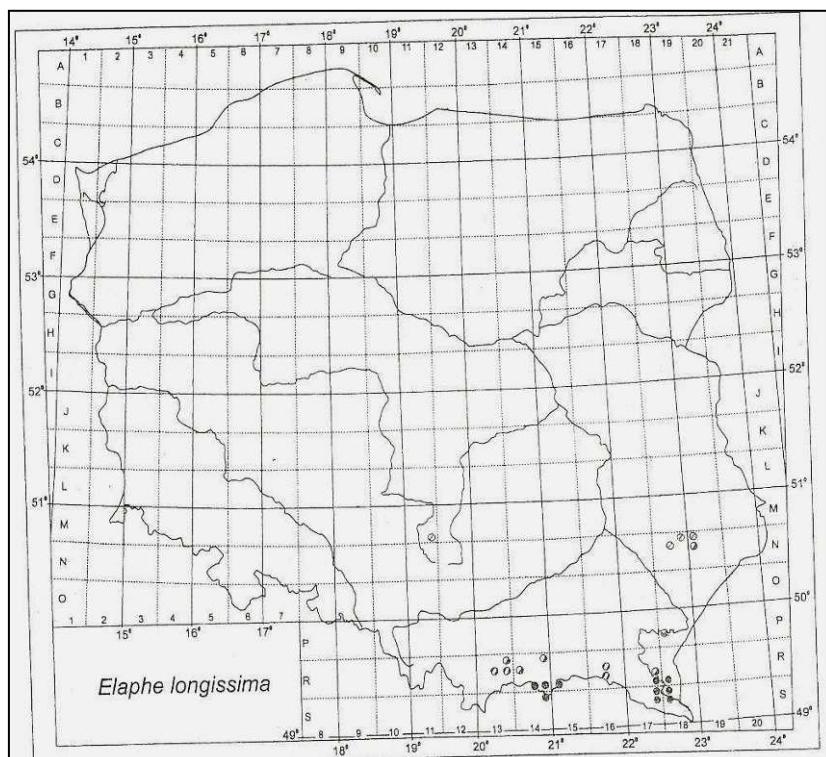
## Survey of fossil findings of Aesculapian Snake (*Zamenis longissimus*)

| No. | Locality                  | Country                          | Finding date   | Author                            |
|-----|---------------------------|----------------------------------|--|-----------------------------------|
| 1   | Beremend                  | Hungary                          | Upper Pliocene   | Szunyoghy (1932 ex Ivanov 2005)   |
| 2   | Kadzielnia                | south Poland                     | Lower Pleistocene – Upper Villányen to Lower Bihar           | Szyndlar (1984b)                  |
| 3   | Zalesiaki B               | south Poland                     | Lower Pleistocene  | Szyndlar (1984b)                  |
| 4   | Malá Dohoda               | CR, Moravia karst                | Lower Pleistocene – Lower Bihar                              | Ivanov (1996)                     |
| 5   | Kamyk                     | south Poland                     | Lower Pleistocene – Lower Bihar                              | Szyndlar (1984b)                  |
| 6   | Cave Zabia                | Poland - central                 | Lower Pleistocene – Lower Bihar                              | Szyndlar (1984b), Ivanov (1996)   |
| 7   | Zalesiaki A               | south Poland                     | Lower to Medium Pleistocene – Bihar, Cromerský komplex       | Szyndlar (1984b)                  |
| 8   | Zamkova Dolna cave        | south Poland                     | Lower to Medium Pleistocene – Upper Bihar                    | Szyndlar (1984b)                  |
| 9   | Kozi Grzbiet              | south Poland                     | Lower to Medium Pleistocene – Upper Bihar, Cromerský komplex | Szyndlar (1984b)                  |
| 10  | Cudmore Grove             | England – Essex, island Mersea I | Medium Pleistocene   | Holman et al. (1990)              |
| 11  | Barnham                   | England – Suffolk                | Medium Pleistocene   | Ashton et al. (1994)              |
| 12  | Beeches Pit               | England – Suffolk                | Medium Pleistocene   | Holman (1998 ex Gomille 2002)     |
| 13  | Weimar – Ehringsdorf      | Germany – Thuringia              | Medium Pleistocene   | Böhme & Heinrich (1994)           |
| 14  | Gamsenberg bei Oppurg     | Germany – Thuringia              | Medium Pleistocene   | Böhme (2000)                      |
| 15  | Neumark-Nord              | Germany – Saxony                 | Medium Pleistocene   | Böhme (2001 ex Gomille 2002)      |
| 16  | Stránská rock             | CR – Moravia, Brno               | Medium Pleistocene – Cromerian                               | Ivanov (1995)                     |
| 17  | Mladečské caves           | CR – Moravia, Olomouc region     | Medium Pleistocene – Holstein complex                        | Ivanov (1995)                     |
| 18  | Cave za hájovnou          | CR – Moravia, Javoricky karst    | Medium Pleistocene – Holstein complex                        | Ivanov (1995)                     |
| 19  | Stuttgart – Bad Cannstatt | Germany – Bad. Wurtt.            | Medium Pleistocene – Holstein complex                        | Bottcher (1994)                   |
| 20  | Weimar                    | Germany – Thuringia              | Medium Pleistocene – older than interglacial eem             | Mlynarsky & Ulrich (1975)         |
| 21  | Stuttgart-Bad Cannstatt   | Germany – Bad. Wurtt.            | Upper Pleistocene – interglacial eem                         | Bottcher (1994)                   |
| 22  | Schönenfeld – Calau       | Germany - Brandenburg            | Upper Pleistocene – interglacial eem                         | Böhme (1991b)                     |
| 23  | Lobsing                   | Germany – Lower Bavaria          | Upper Pleistocene – interglacial eem                         | Heller (1960), Böhme (1997)       |
| 24  | Weimar                    | Germany – Thuringia              | Upper Pleistocene – interglacial eem                         | Böhme G. (1989)                   |
| 25  | Taubach                   | Germany – Thuringia              | Upper Pleistocene – interglacial eem                         | Böhme G.(1989)                    |
| 26  | Burgtonna                 | Germany – Thuringia              | Upper Pleistocene – interglacial eem                         | Böhme G.(1989)                    |
| 27  | Gamsenberg bei Oppurg     | Germany – Thuringia              | Upper Pleistocene – interglacial eem                         | Böhme G. (2000)                   |
| 28  | St. Margarethen           | Austria                          | Upper Pleistocene – interglacial eem                         | Rabeder (1977 ex Ivanov 2005)     |
| 29  | Wierzbica                 | Medium Poland                    | Upper Pleistocene – interglacial eem                         | Szyndlar (1984b)                  |
| 30  | Rzasnik                   | East Poland                      | Upper Pleistocene – interglacial eem                         | Szyndlar (1984b)                  |
| 31  | Zytnia Skala              | South Poland                     | Upper Pleistocene/Holocene – Upper part of Visla glacier     | Szyndlar (1984b)                  |
| 32  | Ciasna cave               | South Poland                     | Upper Pleistocene/Holocene – Upper part of Visla glacier     | Szyndlar (1984b)                  |
| 33  | Malerfels                 | Germany – Bavaria                | Holocene, dryas I – bölling                                  | Markert (1978 ex Gomille 2002)    |
| 34  | Euerwanger Bühl           | Germany – Bavaria                | Holocene, dryas III – preboreál                              | Markert (1975)                    |
| 35  | Cave Raj                  | South Poland                     | Holocene   | Szyndlar (1984b)                  |
| 36  | Niedostepna cave          | South Poland                     | Holocene   | Szyndlar (1984b)                  |
| 37  | Grundfelsen Hohle         | Germany – Bavaria                | Holocene   | Brunner (1942/3 ex Gomille (2002) |
| 38  | Kneitlingen               | Germany – Lower                  | Holocene   | Böhme (1991a)                     |
| 39  | Gamsenberg bei Oppurg     | Germany – Thuringia              | Holocene   | Böhme (2000)                      |
| 40  | Neukloster                | Germany – Mecklenb.              | Holocene   | Peters (1977a,b)                  |
| 41  | Pisede                    | Germany – Mecklenb.              | Holocene   | Peters (1977a,b)                  |
| 42  | Jozefow                   | south Poland                     | Holocene, Atlanticum   | Szyndlar (1984b)                  |
| 43  | Giebultow                 | south Poland                     | Holocene, Atlanticum   | Szyndlar (1984b)                  |
| 44  | Lystrup Enge              | Denmark                          | Holocene, Atlanticum   | Ljungar (1995)                    |
| 45  | Robschütz bei Meißen      | Germany – Saxony                 | Holocene, Atlanticum   | Böhme (1994)                      |
| 46  | Klosterbuch bei Döbeln    | Germany – Saxony                 | Holocene – Subboreal   | Böhme (1991a)                     |

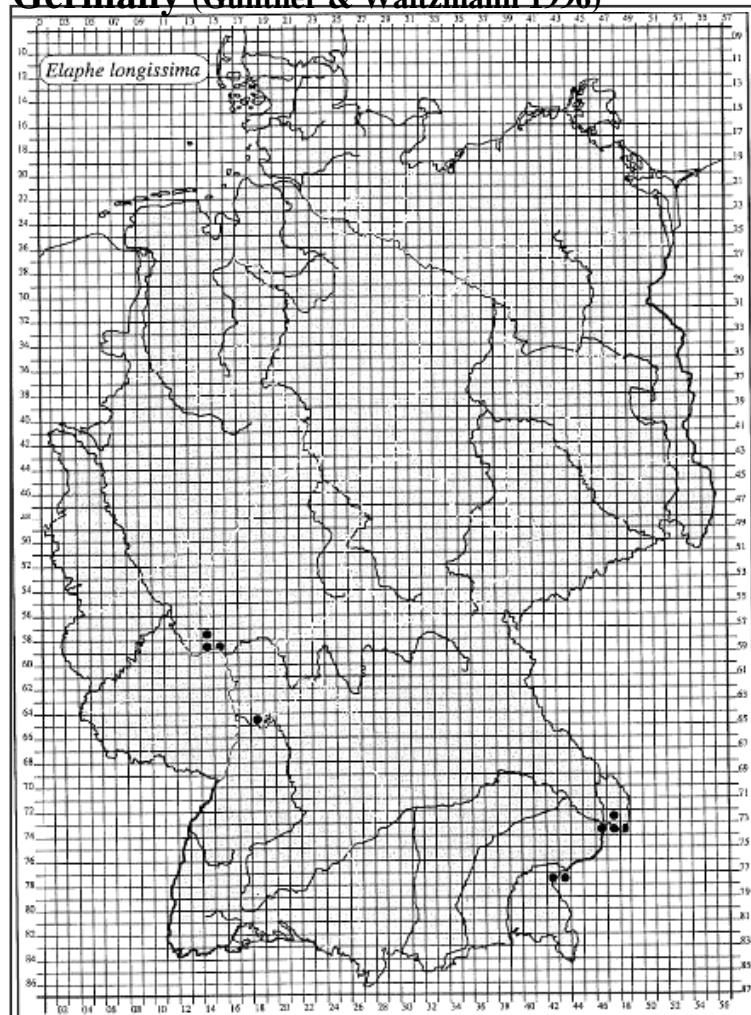
## Annex 3

Distribution of Aesculapian Snake (*Zamenis longissimus*) in neighbouring countries

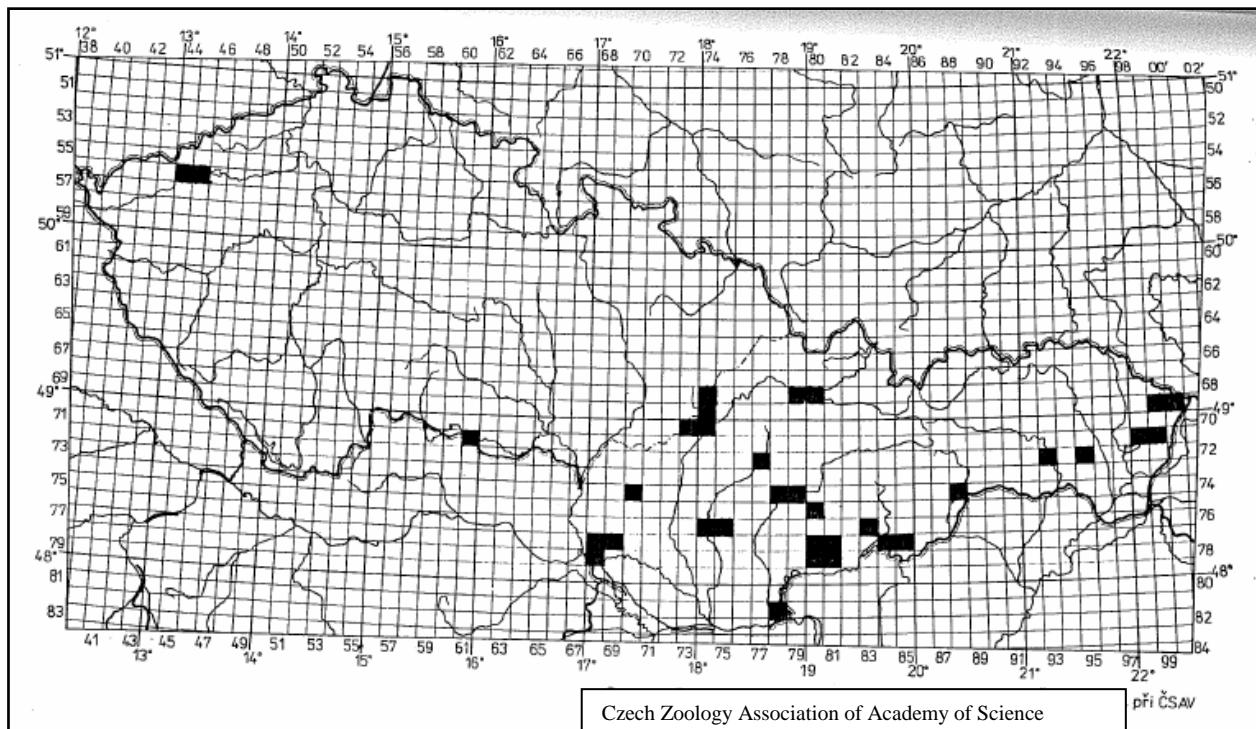
### Poland (Głowaciński & Rafiński 2003)



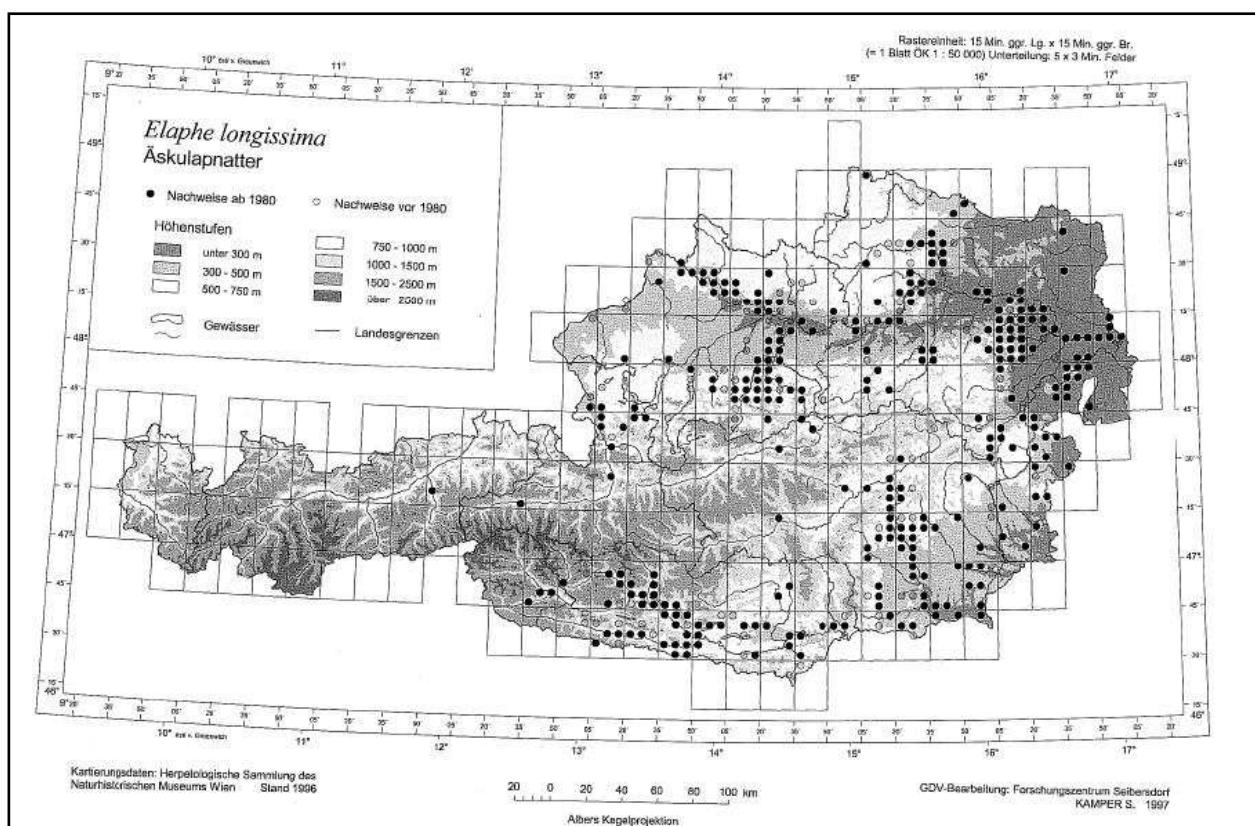
### Germany (Günther & Waitzmann 1996)



## Slovakia (Rehák 1989)



## Austria (Cabela et. al. 2001)



Tab. 1: Survey of findings of Aesculapian Snakes in Poohří since 1880 broken down to squares (finding numbers related to maps in the Annex 8)

| No. | Locality  | Source | Finding Year                 | Author of the finding   | Credibility of finding  | Note   |
|-----|---|--------|------------------------------|---|-------------------------|--|
| 51  | Nová Víska – Schnablův mill                           | 5545   | 1977                         | Dlouhý in Bárta 1982 + Bárta in litt.                                 | Unsure                  | Bárta 1982 claims Nová Víska in Ore Mountains  |
| 26  | Borek (Heidles)                                       | 5643   | 60s – early 80s of 20th cen. | Zavadil   | Sure                    |  |
| 32  | Ostrov  | 5643   | 2005                         | T.Čepelák   | Sure<br>(introduction?) | Unclear origin of finding (likely unwanted transport with manure or bark of escape from illegal breeding)                          |
| 1   | Horní Hrad  | 5644   | 60s                          | Černý, Hejtík, Haleš, Jůzl, Medek, Kolman, Kotlík, Šapovaliv in verb. | Sure                    | Documented by snake exuvia   |
| 2   | Boč   | 5644   | Permanent occurrence         | Musilová et Zavadil 2006  | Sure                    |  |
| 3   | Danice - cottage colony Vlčí Valley of                | 5644   | Permanent occurrence         | Musilová et Zavadil 2006  | Sure                    |  |
| 4   | Hornohradský creek                                    | 5644   | 2005                         | Musilová 2005   | Sure                    |  |
| 5   | Stráž n. O.   | 5644   | Permanent occurrence         | Šolcová-Danihelková 1966, Opatrný 1979, Musilová et Zavadil 2006      | Sure                    |  |
| 6   | Peklo   | 5644   | Permanent occurrence         | Haleš in Šolcová 1974, Musilová et Zavadil 2006                       | Sure                    |  |
| 7   | Korunní Kyselka                                       | 5644   | Permanent occurrence         | Musilová et Zavadil 2006  | Sure                    |  |
| 8   | Korunní   | 5644   | 1880- Permanent occurrence   | Bayer 1894, Fieber 1932, Reinhard 1938, Musilová et Zavadil 2006      | Sure                    |  |
| 9   | Kamenec   | 5644   | 1998, 2005-2007              | Šapovaliv in lit., Musilová et Zavadil non published                  | Sure                    |  |
| 10  | Hrachová  | 5644   | Permanent occurrence         | Haleš, Rozínek Šapovaliv in verb.,                                    | Sure                    |  |
| 14  | Krásný Les  | 5644   | 1999                         | Šapovaliv in lit.   | Sure                    |  |
| 15  | Krásný Les-Osvinov, contour line 560 m. a.s.l.        | 5644   | 1999                         | Šapovaliv in lit.,  | Sure                    | Approx. half-way between villages seen eating warbler nest   |
| 16  | Perštejn  | 5644   | Before 1938, 1975            | Reinhardt 1938, Bárta 1982  | Sure                    |  |
| 17  | Srní  | 5644   | 1999                         | Šapovaliv in lit.,  | Sure                    |  |
| 19  | Himlštejn   | 5644   | 1989 and 90s                 | Medek et Kuchta in verb.  | Sure                    |  |
| 20  | Okounov   | 5644   | By 2005                      | Hamáčková, Vaško a Trepeš in verb.                                    | Sure                    | Documented by a photo of snake caught on the plot of Mr. Trepeš in 2001  |
| 21  | Osvinov– SSE slope of hill Kupa, 610 m a.s.l          | 5644   | 1998                         | Šapovaliv in litt.  | Sure                    |  |
| 22  | Srní – meadow 800 m W off Pekelská rock, 710 m a.s.l. | 5644   | 1999                         | Šapovaliv in litt.  | Sure                    |  |
| 23  | Peklo – Bártův farm                                   | 5644   | 1998                         | Šapovaliv et Zavadil, non published                                   | Sure                    |  |
| 25  | Kotvina   | 5644   | 1983                         | Medek in verb., Zavadil   | Sure                    |  |
| 27  | Boží Stolec (Stoličná) (Hergottstuhl)                 | 5644   | 20-80s of 20th century       | J.S. 1923, Bárta 1983 et in litt.                                     | Sure                    |  |
| 29  | Between Jakubov and Stráž n.O.                        | 5644   | 1989                         | Medek in verb.  | Sure                    |  |
| 30  | Vojkovice   | 5644   | Not dated                    | Reinhardt 1938, Janoušek in verb.                                     | Sure                    |  |
| 31  | Oslovice – direction to Kotvina                       | 5644   | 80s                          | Bárta in litt., Medek   | Sure                    |  |
| 33  | Oslovice  | 5644   | 2005                         | Musilová 2005   | Sure(introduction)      | By inquiries to local residents, Musilová found out it was an introduction from Korunní  |
| 38  | Jakubov   | 5644   | 80s                          | Habermann, Hejlík, Medek in verb.                                     | Somewhat disputable     |  |
| 39  | Malý Hrzín  | 5644   | 80s                          | Medek   | Somewhat disputable     |  |
| 40  | Pekelská rock   | 5644   | 80s                          | Medek   | Somewhat disputable     |  |
| 41  | Lužný – at Ohře river                                 | 5644   | 1988                         | Local resident  | Somewhat disputable     |  |
| 45  | Kláštěrecká Jeseň                                     | 5644   | cca 1978                     | Kříž in verb.   | Somewhat disputable     | "Coiled snake in a pram was sleeping on feather quilt above a baby (no other snake behaves like this and cannot climb up the pram) |
| 56  | Horní Hrad-at the chapple                             | 5644   | 2007                         | Hejtík jr. in verb.   | Unsure                  |  |

Tab. 2: Survey of finding of Aesculapian Snake in Poohří since 1880 based on credibility (finding numbers related to maps in the Annex 8)

| No. | Locality   | Source | Finding Year                 | Author of the finding   | Credibility of finding | Note   |
|-----|--|--------|------------------------------|---|------------------------|--|
| 1   | Horní Hrad   | 5644   | 60s                          | Černý, Hejtík, Haleš, Jůzl, Medek, Kolman, Kotlík, Šapovaliv in verb. | Sure                   | Documented by snake exuvia   |
| 2   | Boč  | 5644   | Permanent occurrence         | Musilová et Zavadil 2006  | Sure                   |  |
| 3   | Danice - cottage colony Vlčí Valley of                 | 5644   | Permanent occurrence         | Musilová et Zavadil 2006  | Sure                   |  |
| 4   | Hornohradský creek                                     | 5644   | 2005                         | Musilová 2005   | Sure                   |  |
| 5   | Stráž n. O.  | 5644   | Permanent occurrence         | Šolcová-Danihelková 1966, Opatrný 1979, Musilová et Zavadil 2006      | Sure                   |  |
| 6   | Peklo  | 5644   | Permanent occurrence         | Haleš in Šolcová 1974, Musilová et Zavadil 2006                       | Sure                   |  |
| 7   | Korunní Kyselka  | 5644   | Permanent occurrence         | Musilová et Zavadil 2006  | Sure                   |  |
| 8   | Korunní  | 5644   | 1880- Permanent occurrence   | Bayer 1894, Fieber 1932, Reinhard 1938, Musilová et Zavadil 2006      | Sure                   |  |
| 9   | Kamenec  | 5644   | 1998, 2005-2007              | Šapovaliv in lit., Musilová et Zavadil non published                  | Sure                   |  |
| 10  | Hrachová   | 5644   | Permanent occurrence         | Haleš, Rozínek Šapovaliv in verb.,                                    | Sure                   |  |
| 11  | Petrov – Na zabitém                                    | 5744   | 70s + 1999                   | Habermann, Šapovaliv in litt.   | Sure                   |  |
| 12  | Klášterec n. O. - castle park                          | 5645   | Before 1923, 1998            | J.S. 1923, Šapovaliv in litt., Šapovaliv in Voženílek                 | Sure                   |  |
| 13  | Kadaň – 2 km down the Ohře river<br>(Želinský meander) | 5645   | 1987 and 1999                | Šapovaliv in lit.   | Sure                   |  |
| 14  | Krásný Les   | 5644   | 1999                         | Šapovaliv in lit.   | Sure                   |  |
| 15  | Krásný Les-Osvinov, contour line 560 m. a.s.l.         | 5644   | 1999                         | Šapovaliv in lit.,  | Sure                   | Approx. half-way between villages seen eating warbler nest                                   |
| 16  | Perštejn   | 5644   | Before 1938, 1975            | Reinhardt 1938, Bárta 1982  | Sure                   |  |
| 17  | Srní   | 5644   | 1999                         | Šapovaliv in lit.,  | Sure                   |  |
| 18  | Kadaň – Ohře pod městem                                | 5645   | 1936, 1999                   | Reinhardt 1938, Klement, 1943/1944, Šapovaliv in lit.                 |                        |  |
| 19  | Himlštejn  | 5644   | 1989 and 90s                 | Medek et Kuchta in verb.  | Sure                   |  |
| 20  | Okounov  | 5644   | By 2005                      | Hamáčková, Vaško a Trepeš in verb.                                    | Sure                   | Documented by a photo of snake caught on the plot of Mr. Trepeš in 2001                      |
| 21  | Osvinov– SSE slope of hill Kupa, 610 m a.s.l           | 5644   | 1998                         | Šapovaliv in litt.  | Sure                   |  |
| 22  | Srní – meadow 800 m W off Pekelská rock, 710 m a.s.l.  | 5644   | 1999                         | Šapovaliv in litt.  | Sure                   |  |
| 23  | Peklo – Bártův farm                                    | 5644   | 1998                         | Šapovaliv et Zavadil, non published                                   | Sure                   |  |
| 24  | Velichov   | 5744   | Cca 1900 and 60s             | Reinhardt 1938, Slavinger in verb.                                    | Sure                   | Janoušek saw a preparation at Slavinger wit a tag reading Welchau (German name for Velichov) |
| 25  | Kotvina  | 5644   | 1983                         | Medek in verb., Zavadil   | Sure                   |  |
| 26  | Borek (Heidles)  | 5643   | 60s – early 80s of 20th cen. | Zavadil   | Sure                   |  |
| 27  | Boží Stolec (Stoličná) (Hergottstuhl)                  | 5644   | 20-80s of 20th century       | J.S. 1923, Bárta 1983 et in litt.                                     | Sure                   |  |
| 28  | Wodamuehle + Lochstein                                 | 5646   | 1932, 1933, 1936, 1944, 1987 | Feiler 1932, Klement 1943/1944, Bárta 1982, Šapovaliv in verb.        | Sure                   | Location flooded by Nechranice art. lake in 1968   |
| 29  | Between Jakubov and Stráž n.O.                         | 5644   | 1989                         | Medek in verb.  | Sure                   |  |
| 30  | Vojkovice  | 5644   | Not dated                    | Reinhardt 1938, Janoušek in verb.                                     | Sure                   |  |
| 31  | Oslovice – direction to Kotvina                        | 5644   | 80s                          | Bárta in litt., Medek   | Sure                   |  |
| 57  | Smilov – cottage Orlí hnízdo                           | 5644   | 2004                         | Haleš in verb   | Sure                   | Skin determined by Ing. Haleš  |
| 33  | Oslovice   | 5644   | 2005                         | Musilová 2005   | Sure(introduction)     | By inquiries to local residents, Musilová found out it was an introduction from Korunní      |

Tab. 3: Survey of findings of Aesculapian Snake in Podyjí broken down to squares (for localities see Annex 7)

| Locality   | Square | Finding year         | Author of the finding   | Credibility | Map | Note                             |
|--|--------|----------------------|---|-------------|-----|----------------------------------|
| Vranov nad Dyjí  | 7160   | 2006                 | Mikátová, Vlašín, Čmelík, Formánek, Slavík  | Sure        | Yes | Only one finding ad ex. + exuvia |
| Barák – Hluboká cesta                                  | 7161   | 2007                 | Mikátová  | Sure        | Yes | Only exuvia                      |
| Barák – W slope  | 7161   | 1993                 | Koutecký  | Sure        | Yes | Reiter 2002                      |
| Býčí rock  | 7161   | 2006                 | Mikátová, Formánek, Čmelík  | Sure        | Yes |                                  |
| Čížov – Hardecká hillside                              | 7161   | Permanent occurrence | Mikátová, Vlašín, Čmelík, Formánek, Slavík, Dubovská, Mahr                                  | Sure        | Yes |                                  |
| Čížov – rock upper edge left off Hardecká lookout      | 7161   | 1998                 | Grulich   | Sure        | No  | Reiter 2002                      |
| Čížov – Široké pole                                    | 7161   | Permanent occurrence | Mikátová, Čmelík, Vančura   | Sure        | Yes |                                  |
| Čížov – in forest between Urbanova and Hardecká road   | 7161   | 2003                 | Mikátová  | Sure        | Yes |                                  |
| Havraníky – Baštův mill                                | 7161   | Permanent occurrence | Mikátová, Vlašín, Král  | Sure        | Yes |                                  |
| Havraníky – healthland                                 | 7161   | Permanent occurrence | Mikátová, Lazárek   | Sure        | Yes |                                  |
| Hluboček meadows                                       | 7161   | 2005                 | Mikátová, Formánek, Slavík  | Sure        | Yes |                                  |
| Hnanice – border police barracks                       | 7161   | 1997                 | Reiter  | Sure        | Yes | Reiter 2002                      |
| Hnanice – Devět mlýnů                                  | 7161   | Permanent occurrence | Mikátová  | Sure        | Yes |                                  |
| Hnanice – Devět mlýnů, upper ped. bridge               | 7161   | 1998                 | Škorpík   | Sure        | No  | Reiter 2002                      |
| Hnanice – Devět mlýnů, tourist shelter at Gruber mill. | 7161   | 2001                 | Valíčková, Král   | Sure        | No  |                                  |
| Stone sea  | 7161   | 2007                 | Mikátová, Vlašín  | Sure        | Yes | Only exuvia                      |
| Koží ridges  | 7161   | 2006                 | Mikátová  | Sure        | Yes | Only exuvia                      |
| Koží pathways  | 7161   | 2003                 | Mikátová, Formánek, Čmelík  |             |     | Only exuvia                      |
| Lazárkova meadow                                       | 7161   | 2003                 | Mikátová, Čmelík, Formánek  | Sure        | Yes | Only exuvia                      |
| Forest Podmolí – Nad papírnou                          | 7161   | Permanent occurrence | Mikátová, Čmelík, Formánek  | Sure        | Yes |                                  |
| Forest Podmolí – Papírna                               | 7161   | Permanent occurrence | Mikátová, Čmelík, Formánek, Onderka   | Sure        | Yes |                                  |
| Lipina   | 7161   | 1998                 | Kučera  | Sure        | No  |                                  |
| Lipina – way   | 7161   | 2005                 | Mikátová  | Sure        | Yes |                                  |
| Lipinská meadow  | 7161   | 2007                 | Mikátová  | Sure        | Yes |                                  |
| Liščí rock   | 7161   | 2005                 | Mikátová, Čmelík, Formánek  | Sure        | Yes |                                  |
| Lukov – Faltýskova pathway                             | 7161   | 2007                 | Mikátová  | Sure        | Yes |                                  |
| Lukov – Ostroh and Nový hrádek                         | 7161   | Permanent occurrence | Mikátová, Vlašín, Formánek, Slavík, Čmelík, Škorpík, Křivan, Kolář, Reitter, Vrška, Zavadil | Sure        | Yes |                                  |
| Mašovice   | 7161   | 1931                 | Ambrož  | Sure        | Yes | Ambrož 1931                      |
| Mašovice – Nad novou cestou                            | 7161   | 2003                 | Mikátová, Formánek, Čmelík  | Sure        | Yes | Only exuvia                      |

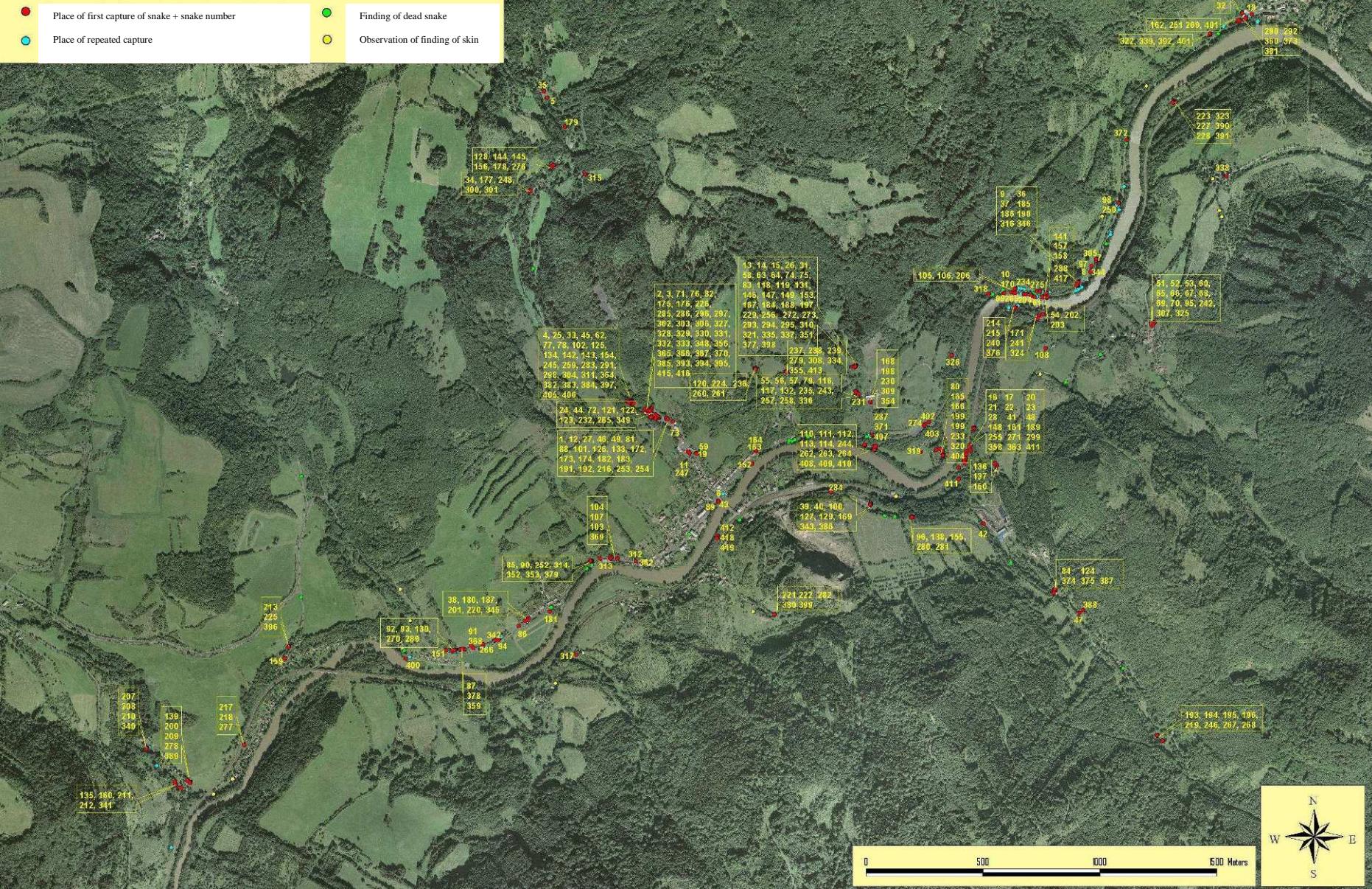
|  |           |                      |   |      |     |   |
|--|-----------|----------------------|---|------|-----|---|
| Mašovice – U králova stolce                                  | 7161      | 2004                 | Mikátová  | Sure | Yes | Only exuvia   |
| Between Lipina and Liščí rock                                | 7161      | 2003                 | Mikátová, Čmelík, Formánek  | Sure | Yes | Only exuvia   |
| Podmolí – 2,3 km S off the chaple in the village at Hlubocká | 7161      | 1993                 | Koutecký  | Sure | No  | Reiter 2002   |
| Podmolí – meadow below Barák                                 | 7161      | 1995                 | Kolář   | Sure | No  | Reiter 2002   |
| Podmolí – way from Podmolí to Šobes                          | 7161      | 2007                 | Vlašín, Mikátová  | Sure | Yes |   |
| Podmolí – Čercha ca 60 m E off Žlebský creek                 | 7161      | 2006                 | Mikátová  | Sure | Yes | Only exuvia   |
| Natural park Fládnitzské healthland                          | 7161      | 2007                 | Mikátová, Onderka   | Sure | Yes |   |
| Šobes – environs of vineyard                                 | 7161      | Permanent occurrence | Mikátová, Vlašín, Křivan, Čmelík  | Sure | Yes |   |
| Šobes – vineyard   | 7161      | Permanent occurrence | Mikátová, Vlašín, Škorpík, Křivan, Reiter, Slavík, Formánek, Čmelík, Kotlík, Šulová, Kaftan, Zavadil, Nečas | Sure | Yes |   |
| at Dyje river – ca 500 m NW off Barák                        | 7161      | 2003                 | Mikátová  | Sure | Yes | Only exuvia   |
| at Dyje river ca 300 m NW off the estuary of Klaperův creek  | 7161      | 2003                 | Mikátová, Čmelík, Formánek, Slavík  | Sure | Yes | Only exuvia   |
| At the estuary of Klaperův creek to Dyje river               | 7161      | 2007                 | Mikátová  | Sure | Yes | Only exuvia   |
| U zmoly  | 7161      | 2007                 | Mikátová  | Sure | Yes |   |
| Uhlišová road  | 7161      | 2006                 | Mikátová  | Sure | Yes |   |
| In the slope between Dyje river and road to Havraníky        | 7161      | 2005                 | Mikátová, Formánek, Slavík  | Sure | Yes | Only exuvia   |
| Vlčice   | 7161      | 2006                 | Mikátová  | Sure | Yes | Only exuvia   |
| Vraní rock a Gališova meadow                                 | 7161      | Permanent occurrence | Mikátová, Vlašín, Formánek, Čmelík, Hanák, Reiter, Vrška, Cvak  | Sure | Yes |   |
| Hradiště – 0,3 km S from chruche at Hradiště                 | 7162      | 1993                 | Vačkář  | Sure | No  |   |
| Hradiště – Hradištěské terraces                              | 7162      | 2007                 | Mikátová, Kocourek, Vačkář  | Sure | Yes | Mainly findings of exuvia, live snakes sporadically |
| Hradiště – Králův stolec                                     | 7162      | 2006                 | Mikátová  | Sure | Yes | Only exuvia   |
| Hradiště – Králův stolec                                     | 7162      | 1994                 | Sukač   |      | No  | Observation   |
| Hradiště – between boundary of res. area and water tankí     | 7162      | 2004                 | Mikátová  | Sure | Yes |   |
| Hradiště – Obří hlava  | 7162      | 2005                 | Mikátová  | Sure | Yes | Only exuvia (repeated)                              |
| Konice   | 7162      | 2007                 | Mikátová  | Sure | Yes |   |
| Konice – at Trausnický mill                                  | 7162      | 1952                 | Hanák   | Sure | No  | Coll. FNS UK Prague, Reiter 2002                    |
| Natural park Horáčkův hill                                   | 7162      | 2007                 | Mikátová  | Sure | Yes |   |
| at Dyje river opposite Býčí rocke                            | 7162      | 2006                 | Mikátová  | Sure | Yes |   |
| Znojmo – square Armády                                       | 7162      | 1995                 | Kocourek  | Sure | No  |   |
| Znojmo – street Veselá                                       | 7162      | 1986                 | Kocourek  | Sure | No  |   |
| Šatov – in the broder zone E off the village                 | 7262      | 1958                 | Slavoj Šťastný  | Sure | No  | Told to Šapovaliv 1985, Reiter 2002                 |
| Natural park Skalky  | 7162/7262 | 2006                 | Mikátová  | Sure | Yes |   |

**Tab. 4: Survey of findings of Aesculapian Snake in the area of White Carpathians and Beskydy Mountains**

| Locality                                 | Square | Finding year     | Author of the finding | Credibility | Note   |
|--|--------|------------------|-----------------------|-------------|--|
| Střelná – Lyský pass above Korytná creek | 6874   | 1999             | Šapovaliv             | Sure        | Mikátová et al. 2001                         |
| Valašské Klobouky                        | 6874   | 1985, 1998       | Žilák, Vlašín         | Sure        | Mikátová et al. 1989                         |
| Bohuslavice nad Vláří                    | 6974   | 1999, 2002       | Mikátová              | Sure        | exuvia, observation (1 ex.)                  |
| Brumov – Bylnice                         | 6974   | 2003             | Mikátová              | Sure        | exuvia                                       |
| Bylnice, NR Lazy                         | 6974   | 2002             | Mikátová              | Sure        | exuvia                                       |
| Nedašov NP Kaňoury                       | 6974   | 2001             | Mikátová              | Sure        | exuvia                                       |
| Nedašov NR Jalovcová hillside            | 6974   | 2004             | Mikátová              | Sure        | exuvia                                       |
| Sidonie                                  | 6974   | 1984, 1994, 2001 | Žilák, Mikátová       | Sure        | observation (1 – 2 ex), Mikátová et al. 1989 |
| Sidonie NR Okrouhlá                      | 6974   | 2003             | Mikátová              | Sure        | exuvia                                       |
| Svatý Štěpán                             | 6974   | 2002, 2003       | Mikátová              | Sure        | exuvia, observation (1 ex.)                  |
| Svatý Štěpán – NP Chladný vrch           | 6974   | 2004             | Mikátová              | Sure        | observation (1 ex.)                          |
| Svatý Štěpán (at railway station)        | 6974   | 2003             | Mikátová              | Sure        | exuvia                                       |
| Vlárský pass                             | 6974   | 2002, 2003       | Mikátová              | Sure        | exuvia, observation (1 ex.)                  |
| Vápenice NP Rubaniska (Mravenčí meadow)  | 7072   | 1993             | Mikátová              | Sure        | observation (1 ex.)                          |
| Vápenice NR V Krátkých                   | 7072   | 2002             | Mikátová              | Sure        | exuvia                                       |
| Žitková                                  | 7073   | 1984, 1987       | Vlašín,               | Sure        | Mikátová et al. 1989, coll. MZM              |
| Žitková – narby mineral springs          | 7073   | 1997             | Mikátová              | Sure        | observation (1 ex.)                          |
| Žitková – NR Hutě                        | 7073   | 2001             | Mikátová              | Sure        | observation (2 ex.)                          |
| Květná (NR Nová hora)                    | 7172   | 2003             | Mikátová              | Sure        | exuvia                                       |

## Map of points of capture of Aesculapian Snake

2005 - 2007



## **Annex 6 – Verification of historic findings of Aesculapian Snake (*Zamenis longissimus*) in Poohří**

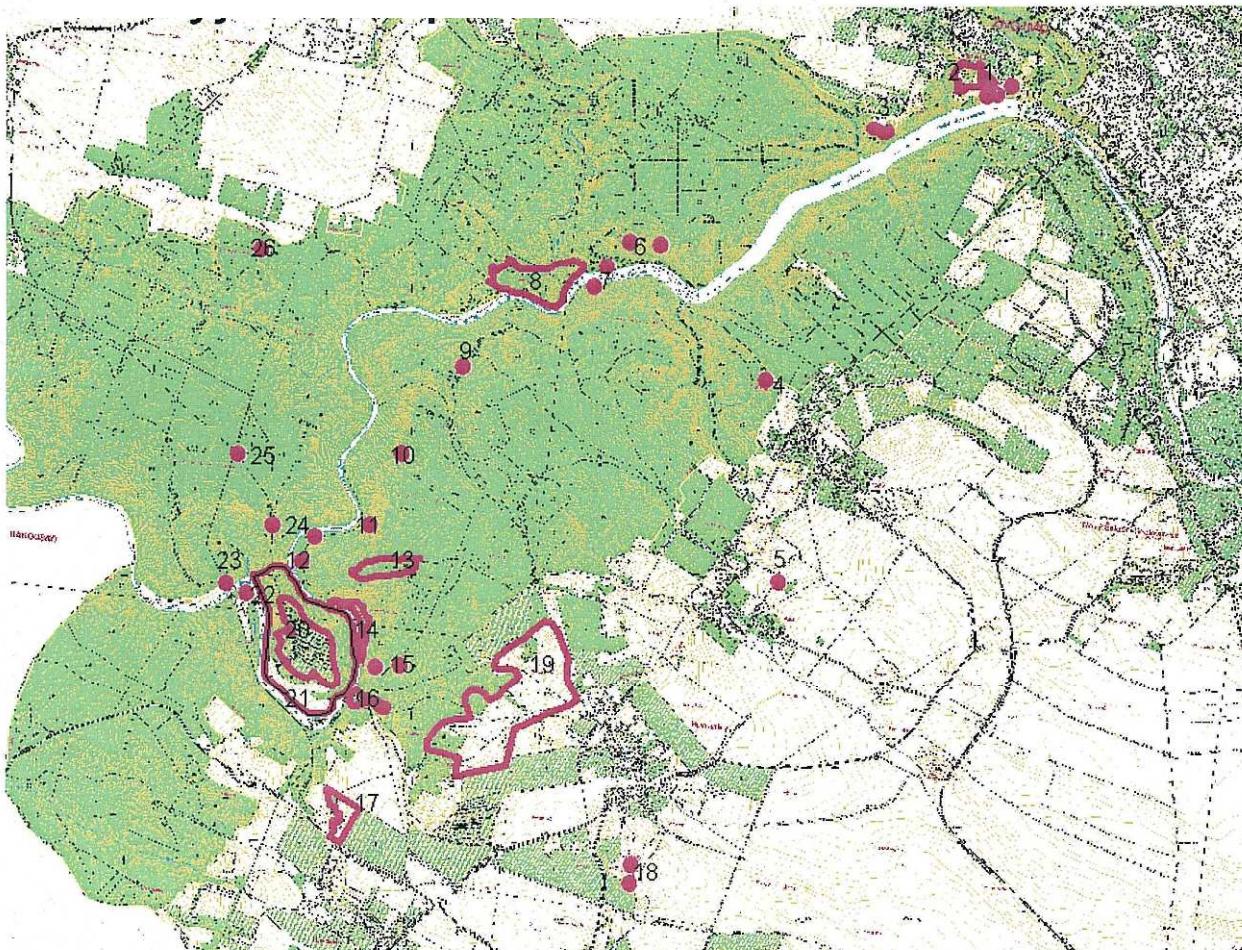
The species was not found in any village in the squares 5643, 5644, 5645 and 5744. Based on this survey, we concluded that the methodology should be changed as to find snakes who may live in here in not very numerous populations is not possible during several random-based visits. What we got in Okonouv was not only a documenting photograph but we also addressed other two residents who promised to cooperate. The same is likely to be done in Horní Hrad and perhaps in Krásný Les. The survey has to go on based on the methodology of resident contact establishing. The resident should be encouraged to collect documenting materials (exuvia, cadavers). In order extend the survyy; a folded leaflet would be desirable as a current priority.

**Tab. 1: Survey of v trips to historic localities and results broken down to squares**

| <b>Square</b> | <b>Locality</b>    | <b>Locality description</b>                             | <b>Date (2007)</b>  | <b>Note</b>   |
|---------------|--------------------|---|---------------------|---|
| 5643          | Borek              | Extinct village ca 2 km East of Ostrov                  | 14.4., 16.9.        | Biotope already too overgrown, occurrence not very likely   |
| 5643          | Ostrov             | Gardening colony „pod Křížkem“                          | 14.4., 16.9.        | Data from several gardeners on big snakes in wood piles, sheds, etc. It sound credibly and correspond to the finding of the species in 2005 at the square in Ostrov     |
| 5643          | Valley of Bystřice | River valley to next square                             | 14.4., 16.9.        | Biotope too overgrown, occurrence not very likely   |
| 5643          | Maroltov           | Old manure heap W off village                           | 15.4., 17.9.        | Biotope suitable, information on finding around 2000 from Mr. Soukup from Krásný Les  |
| 5644          | Valley of Bystřice | River valley to confl. with Ohře                        | 14.4., 16.9.        | Biotope too overgrown, occurrence not very likely   |
| 5644          | Krásný Les         | Sawmill at W boundary of village                        | 15.4., 30.8., 31.8. | Biotope suitable, according to employees of the sawmill, species occurrence seldom but still present  |
| 5644          | Krásný Les         | Ruins of hunters cottage between village and Horní Hrad | 30.8., 31.8.        | Biotope quite overgrown, credible information from Mr. Soukup and Mr. Socha from Krásný Les   |
| 5644          | Osvinov            | Valley of Osvinovský creek                              | 13.7., 30.7.        | Biotope overgrown, place of finding by Mr. Šapovaliv in 1999  |
| 5644          | Osvinov            | Valley of Hornohradský creek                            | 13.7., 30.7.        | Biotope overgrown, former occurrence according to information of late Mr. Mistrik of Stráž  |
| 5644          | Osvinov            | Silage pit above village                                | 13.7., 30.7.        | Biotope still relatively suitable, information of Mr. Medeka of Stráž n.O.  |
| 5644          | Horní Hrad         | Walls below castle chapel                               | 13., 30.7., 30.8.   | Biotope suitable, inf. Of Mr. Hejtík jr. of Horní Hrad and Mr. Jůzl of Dalovice   |
| 5644          | Horní Hrad         | Houses below castle                                     | 13., 30.7., 30.8.   | Biotope suitable, inf. on occurrence in the 1st house in the village and from Mr. Hamáček   |
| 5644          | Srní               | Walls in village, long wall btw. village and Peklo      | 13., 30.7., 30.8.   | Biotope suitable, information from several Srní residents on former occurrence, practically no snakes present now   |
| 5644          | Malý Hrzín         | Silage pit below village                                | 13., 30.7.          | Biotope relatively suitable, inf. On former occurrence from Mr. Medeka of Stráž n.O.  |
| 5644          | Perštejn           | On plot of Mr. Lebeda                                   | 13., 30.7.          | Biotope suitable, information sounds very credible, the source distinguishes between smooth and ring snake  |
| 5644          | Perštejn           | On plot and around senior home site fence below castle  | 13.7.               | Inf. from Perštejn residents  |
| 5644          | Lužný              | At railway  | 8.7., 31.7.         | Inf. Frpm, several residents of Lužný, Boč and Okounov  |
| 5644          | Okounov            | Plot of Mr. Trepeš anmd Mrs. Hlaváčková                 | 13., 30.7., 30.8.   | Mr. Trepeš documented the finding by a photograph of approx. 2000, Mrs. Hlaváčková keeps observing the species on her plot by now, Mr. Vaško by 2005 strawberries below |
| 5644          | Kotvina            | House at the side of Martinovský creek                  | 8.7., 31.7.07       | Inf. From residents sound like credible   |
| 5644          | Kotvina přívoz     | Former ferry below castle Šumná                         | 9.7.                | Species not observed, biotope still suitable  |

|           |                   |   |                                   |   |
|-----------|-------------------|---|-----------------------------------|---|
| 5644      | Krupice           | Plots, house in village   | 9.7., 13.7.                       | Inf. of residents sound like credible, biotope very suitable  |
| 5644      | Jakubov           | Plots of several residents At Jakubov                                 | 13.7., 30.7., 31.7., 30.8., 31.8. | Inf. of residents (Messrs Ďurkovský, Smetana, Němec, Valta, Sirotek, Volf et al) impressively credible, all know the snake from Stráž and claim the it is always rarer in Jakubov, but still occurs |
| 5644      | Jakubov           | Cottage colony at the mill on Ohře                                    | 30.7., 30.8.                      | Inf. of cottage owners very credible (mainly M. Vrábelová), independently from each other confirmed snake killed on the access road to cottages, ca 1.5 m long                                      |
| 5644      | Jakubov           | Cottage colony opposite house "Vlčí Valley" on the opposite Ohře bank | 30.7., 30.8.                      | Typical biotope, occurrence very likely   |
| 5644      | Jakubov           | Tank road Petrovský hill in military exercise area                    | 9.7.                              | Biotope suitable, according to inf. of forest workers, snakes present but very rare   |
| 5644/5744 | Jakubov           | Tank road to Olešnice   | 9.7.                              | Biotope suitable, according to inf. of forest workers, snakes present but very rare   |
| 5644/5744 | Olešnice          | In former village   | 9.7.                              | Biotope quite overgrown, however still suitable locally   |
| 5644/5744 | Tocov             | In former village   | 9.7.                              | Biotope quite overgrown, however still suitable locally   |
| 5744      | Petrov            | Petrovský hill  | 9.7., 16.9.                       | Biotope quite overgrown   |
| 5744      | Petrov            | Na zabitém  | 9.7., 16.9.                       | Biotope still suitable  |
| 5744      | Petrov            | Abandoned village   | 9.7., 16.9.                       | Biotope heavily overgrown and likely unsuitable   |
| 5744      | Petrov            | Valley of Petrovský creek to Velichov                                 | 9.7., 16.9.                       | Biotope heavily overgrown and obviously unsuitable, better biotope close to Velichov  |
| 5744      | Velichov          | Valley of Petrovský creek to confluence with Ohře                     | 9.7., 16.9.                       | Biotope relatively suitable, inf. on former occurrence from local residents.  |
| 5744      | Kyselka           | Valley of Lomnický creek  | 9.7.                              | Biotope relatively suitable, from the date of the only finding before WW II and later observation by Holly, no observation (Holly in verb.)   |
| 5744      | Lower Lomnice     | Valley of Lomnický creek to military area                             | 9.7.                              | Biotope very suitable   |
| 5743      | Radošov           | Valley of Ohře v obci   | 9.7.                              | Biotope quite suitable  |
| 5743      | Radošov           | Cottage along Ohře river  | 9.7.                              | Biotope suitable, data by some cottage owners credible  |
| 5645      | Klášterec n. Ohří | Park  | 8.7., 17.9.                       | Biotope relatively suitable   |
| 5645      | Lestkov           | Above village towards military area                                   | 8.7., 17.9.                       | Biotope very suitable, some information provided by residents look credible   |
| 5645      | Rašovice          | In village and environs   | 8.7., 17.9.                       | Biotope quite suitable  |
| 5645      | Suchý Důl         | In village and environs   | 8.7., 17.9.                       | Biotope quite suitable  |
| 5645      | Zásada u Rašovic  | Goat farm East of village   | 8.7., 17.9.                       | Biotope very suitable, data by Mr. Sládeček and his sons give a credible impression   |
| 5645      | Meziříčí          | Western slopes of Úhošť   | 8.7., 17.9.                       | Biotope very suitable, a number of detritus fields on Úhošť   |
| 5645      | Úhošť             | Top plateau   | 17.9.                             | Biotope still suitable, should be used as pasture   |

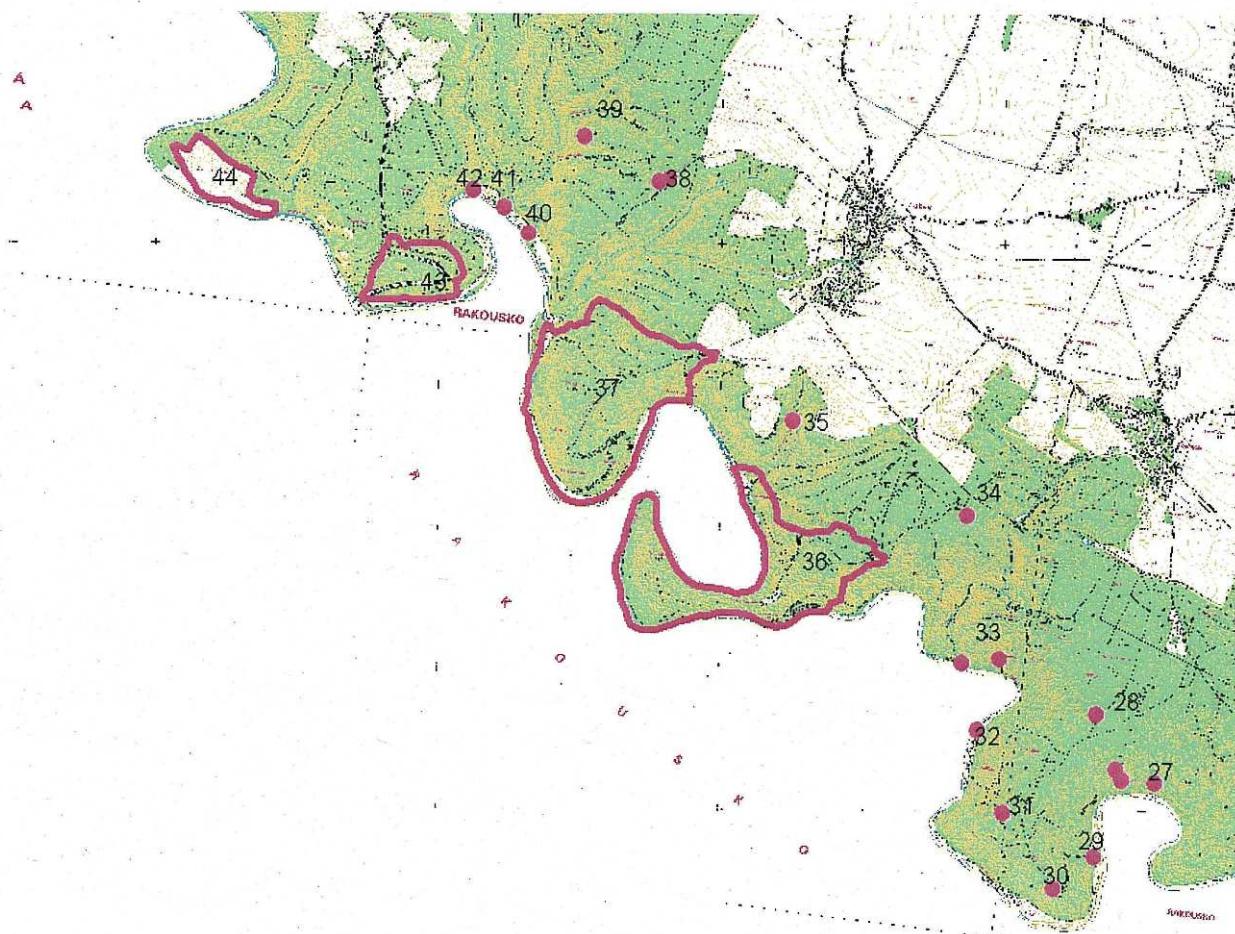
## Podyjí – Map No. 1



### Legend

- 1 Obří hlava
- 2 Hradiště
- 3 Hradiště okraj zástavby
- 4 Konice
- 5 PP Horáčkův kopec
- 6 Kráľův stolec
- 7 proti Býčí skále
- 8 Býčí skála
- 9 Nad novou cestou
- 10 mezi Dyjí a cestou na Havraníky
- 11 Kamenné moře
- 12 Lazárkova louka
- 13 Nad papírnou
- 14 Papírna
- 15 U zmoly
- 16 Baštův mlýn
- 17 Fládnitzské vřesoviště
- 18 PP Skalky
- 19 Havranické vřesoviště
- 20 vinice Šobes
- 21 Šobes - okolí vinice
- 22 Devět mlýnů
- 23 Lipinská louka
- 24 Nad Šobesem
- 25 cesta Podmolí - Šobes
- 26 U králova stolce

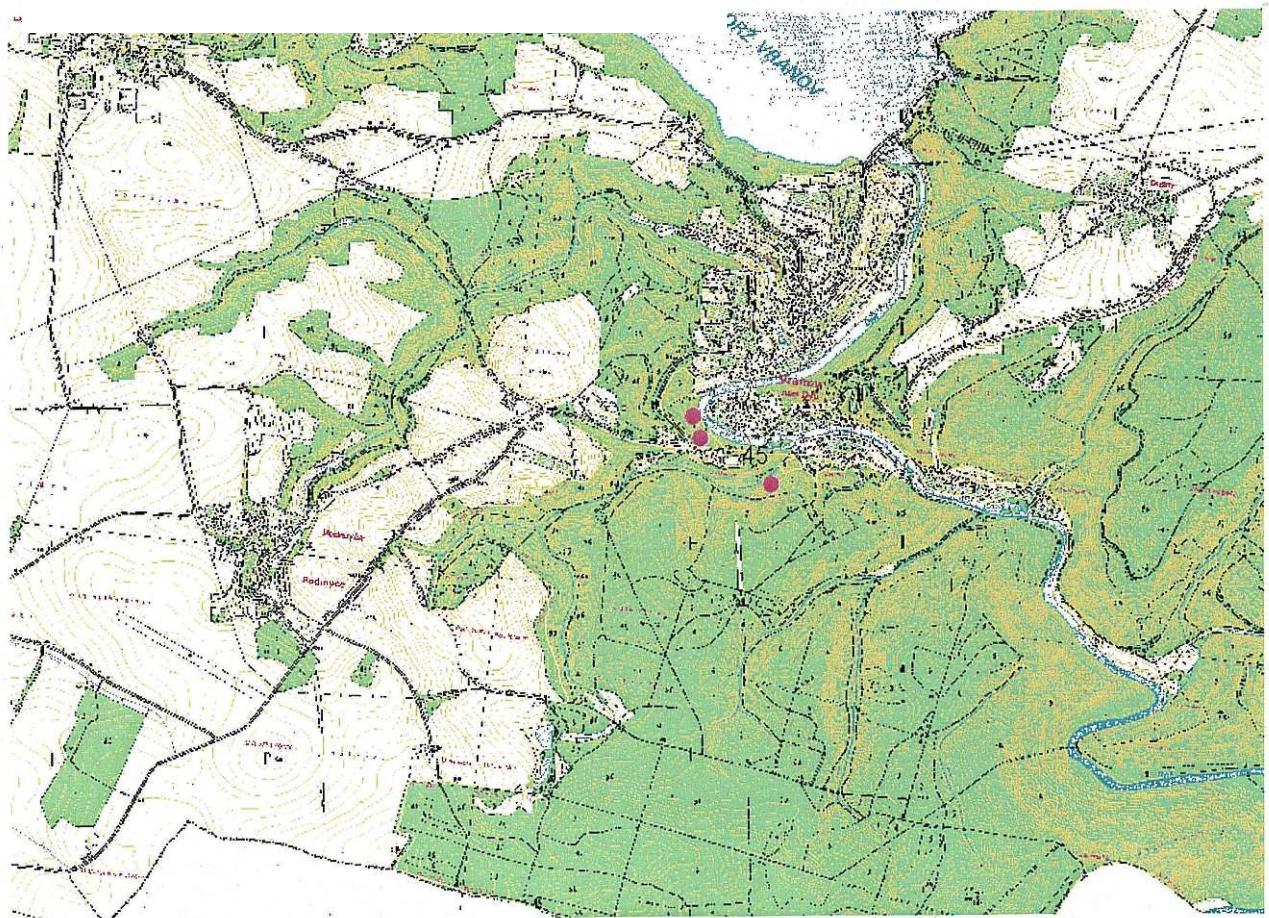
## Podyjí – Map No. 2



### Legend

- 27 Liščí skála
- 28 cesta pod vrchem Lipina
- 29 louka pod Barákem
- 30 Hluboká cesta
- 31 Barák
- 32 U Dyje pod Barákiem
- 33 Kozí hřbety
- 34 Vlčice
- 35 Faltýskova cesta
- 36 Ostroh a Nový hrádek
- 37 Vraní skála a Gališská louka
- 38 Urbanova cesta
- 39 mezi Urbanovou a Hardeckou cestou
- 40 Klaperův potok
- 41 od ústí Klaperova potoka 300m
- 42 Kozí stezky
- 43 Hardecká stráň
- 44 Široké pole

## Podyjí – Map. No. 3



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