

# RABIES BULLETIN EUROPE

Volume 25/No 2

Quarter 2

2001

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The Rabies Bulletin Europe *is sponsored by the*  
**World Health Organization, Geneva, and the**  
**International Office of Epizootics, Paris**

Gratefully acknowledged is the *financial support*  
of the WHO Collaborating Centre by the

Bundesministerium für Gesundheit  
Bonn

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## 1. INTRODUCTION

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This BULLETIN describes the **reported rabies cases in Europe** for the **Second Quarter 2001**, subsequently referred to as "*This Quarter*".

In SECTION 2 a **summary of the rabies situation of the second quarter 2001** is given.

SECTION 3 (3.1-3.39) reflects the **situation for individual countries**. Unfortunately, not all countries report regularly yet. However, their contribution is expected.

In the **Miscellaneous SECTION (4)** under 4.1 an article mentions two more countries in Europe as rabies-free after applying the oral rabies vaccination for 15 years. Two imported human rabies cases are described in the United Kingdom of Britain and Northern Ireland under 4.2 and under 4.3 the spread of rabies in the south of Europe is elaborated on.

The **rabies case data** are tabulated for the **Second**

**Quarter 2001** in SECTION 5. The arrangement of countries follows practical considerations, not alphabetical ones.

SECTION 6 lists the **official contributors** to the BULLETIN.

The **geographical distribution** of rabies cases in Europe of the **Second Quarter 2001** is shown on maps of the Russian Federation, Turkey and Europe in the ANNEX.

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## 2. SUMMARY OF RABIES IN EUROPE

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During "*This Quarter*", 1853 rabies cases were reported in Europe. Of these, 1328 were in wild animals (71.7% of total) and 521 in domestic animals. There were 4 human cases.

Of the 1328 cases in wild animals, 1059 (57.2% of total) were foxes, 6 wolves, 153 raccoon dogs, 19 badgers, 2 stone martens, 36 pine martens, 6 polecats, 9 roe deer, 1 red deer, 1 moose, 1 wild boar, 5 bats, 1 beaver, 2 hamsters, 2 black rats, 1 muskrat, 1 hare, 3 other wild animals and 20 unspecified animals.

Of the 521 domestic animals, 208 were dogs, 149 cats, 135 bovines, 4 horses, 1 pig, 15 sheep, 3 goats, 3 dogs living wild, 3 other domestic animals.

There were 4 human cases reported, 2 in the Russian Federation and 2 imported cases in the United Kingdom of Britain and Northern Ireland (see as well under 4.2 of this BULLETIN).

The 5 bat rabies cases occurred in Germany (1), the Netherlands (2) and Poland (2). Because of the distinct epidemiological features of bat rabies, the cases are marked in a different colour in the map of the ANNEX.

The **dog-mediated rabies** is only found in an obvious pattern in Turkey. Of 71 cases during "*This Quarter*", 67 (of these 56 dogs) were in domestic animals. However, certain areas in the south of the European part of the Russian Federation

indicate dog-mediated rabies or the mixed type of dog- and fox-mediated rabies.

The majority of rabies derives as usual from **fox-mediated** rabies. It is therefore expected that a seasonal decrease of cases in the second quarter occurs. There has been a reduction of cases in Europe from 2911 cases of the previous quarter to 1853 during "*This Quarter*", in spite of having the dog-mediated cases of Turkey and the areas in the southern part of the Russian Federation with little or no seasonal changes included in the figures.

Rabies-free countries in Europe during "*This Quarter*" were: Cyprus, Finland, Greece, Iceland, Ireland, Italy, the Grand Duchy of Luxembourg,

Macedonia, Norway, Portugal, Sweden, Switzerland, the United Kingdom of Britain and Northern Ireland.

There were no rabies cases reported from Albania, Austria, Belgium, Denmark, France, Moldova, the Netherlands, or Spain. However, the last indigenously acquired case

(terrestrial or bat) was less than two years ago.

The status of the countries with data supplied irregularly cannot be judged.

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### 3. RABIES IN INDIVIDUAL COUNTRIES

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#### **3.1 Albania ALB**

by Kristaq Berxholi

There was no rabies case reported in the country during "*This Quarter*".

#### Surveillance

25 animals - 10 foxes, 2 cats, 13 bats (3 *Rhinolophus ferrumequinum*, 3 *Rhinolophus euryale*, 2 *Myotis myotis*, 5 *Myotis emargynatus*) - were examined for rabies during "*This Quarter*", but all revealed negative results.

---

#### **3.2 Austria AUT**

by Walter Schuller  
and Helmut Schnabl

Out of 3735 animals examined for rabies during "*This Quarter*", there was no case diagnosed positive.

---

#### **3.3 Belgium BEL**

by L. Lengele and Pierre Dechamps

There was no rabies case reported during "*This Quarter*".

#### Surveillance

The following animals were examined for rabies with negative results: 74 foxes, 82 bovines, 5 cats, 3 dogs, 1 pig, 3 small ruminants, 1 badger, 2 stone martens, 2 roe deer, 1 polecat (*see as well the article on page 9*).

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#### **3.4 Bosnia and Herzegovina BIH**

No data.

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#### **3.5 Bulgaria BUL**

by L. Lavchev

During "*This Quarter*", 20 rabies cases were reported in Bulgaria. They were all located

in the north of the country. The animal species affected was not reported.

---

#### **3.6 Belarus BYE**

Data not yet arrived.

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#### **3.7 Croatia CRO**

by Josip Marković

During "*This Quarter*", out of 625 investigated animals (139 domestic and 486 wild animals) a total of 66 rabies cases were diagnosed in 17 counties (35 municipalities). That represents a decrease of 52 cases compared with the same period in 2000, and 166 cases less than during the previous quarter.

Out of the total number of cases rabies was diagnosed in 62 wild animals (60 foxes, 1 badger, 1 pine marten) and 4 domestic animals (1 dog, 1 bovine, 1 sheep, 1 goat).

**3.8 Cyprus CYP**

by P. Economides

The country remained rabies-free.

**3.9 Czech Republic CZH**

by Oldrich Matouch

During "*This Quarter*", a total of 1998 samples (1686 wild and 312 domestic animals) were examined for rabies in the Czech Republic. Of these only 3 foxes were rabies positive. These were 22 cases less than in the previous quarter and 21 cases less than in the second quarter 2000.

All rabies cases occurred in East Bohemia in the district of Rychnov n.K., where there was a very active focus during the last year (see RBE 4/2000, pp 20-23).

An oral vaccination campaign was carried out in April 2001. An area of 45,703 km<sup>2</sup> was treated with 930,000 vaccine baits. Both, the aerial and manual distribution techniques were practised.

**3.10 Denmark DEN**

by Preben Willeberg  
and Tina Mørk

The country remained rabies-free in terrestrial animals.

There was no bat rabies cases during "*This Quarter*".

Surveillance

One squirrel, 1 dog and 3 bats were examined for rabies with negative results.

**3.11 Germany, DEU  
Federal Republic**

by Winfried W. Müller  
and Hartmut Schlüter

During "*This Quarter*", 8 rabies cases in animals were reported. These were 18 cases less than in the previous quarter.

Cases occurred in 2 previous foci: 1 in Nordrhein-Westfalen and 6 in Hessen.

There was 1 bat rabies case in Osnabrueck in Niedersachsen.

**3.12 Estonia EST**

by Matti Nautras

A total of 32 rabies cases was reported during "*This Quarter*". There were 18 cases in red foxes, 10 in raccoon dogs and two each in dogs and cats.

12 out of 15 districts recorded between 1 and 8 cases.

**3.13 Finland FIN**

by Sirpa Kemilä

The country remained rabies-free.

Surveillance

The following animals were examined for rabies with negative results: 70 foxes, 50

raccoon dogs, 2 badgers, 3 pine martens, 3 fish otters, 12 other wild carnivores, 2 dogs, 2 cats, 1 bovine.

**3.14 France FRA**

by Florence Cliquet

During "*This Quarter*", a dog puppy was illegally introduced from Morocco into France, which developed rabies.

The status of rabies-free of the country is not affected as the animal was imported.

There was no case of bat rabies.

Surveillance

518 animals were examined for rabies with negative results.

**3.15 Federal Republic FRY  
of Yugoslavia**

by Nenad Ivančev

During "*This Quarter*", 57 animal rabies cases (in 43 foxes, 1 dog, 8 cats, 4 bovines, 1 sheep) were reported, 51 cases less than in the previous quarter and 28 more than in the second quarter 2000.

The cases were more concentrated in the north and in the centre of the country.

**3.16 Greece GRE**

The country remained rabies-free.

**3.17 Hungary HUN**

by Antal Németh and Zsolt Földi

During "*This Quarter*", there were 69 rabies cases in animals. Of these, 51 cases were in wild animals (49 foxes, 1 stone marten, and 1 black rat), and 18 in domestic animals (9 cats, 5 dogs, 8 bovines, and 1 goat).

Only 1 case was located west of the river Danube.

**3.18 Iceland ICE**

The country remained rabies-free.

**3.19 Ireland IRE**

The country remained rabies-free.

**3.20 Italy ITA**

by Franco Mutinelli

The country remained rabies-free.

Surveillance

308 wild animals (249 foxes included) and 50 domestic animals from Trentino Alto Adige, Veneto and Friuli Venezia Giulia Regions (north-eastern Italy) were tested for rabies with negative results.

**3.21 Lithuania LTU**

by K. Gedrinas and R. Freigofas

During "*This Quarter*", there were 134 cases of rabies, 45 cases (33.6%) in domestic animals (18 bovines, 9 dogs, 17 cats, 1 horse) and 89 cases (66.4%) in wild animals (40 foxes, 38 raccoon dogs, 3 pine martens, 2 polecat, 1 wolf, 3 badgers, 1 rat and 1 muskrat).

34 districts were affected, most of all the districts of Ignalina, Lazdijai, Panevėžys, Telsiu, Rokiskio.

During "*This Quarter*", more than 20,000 dogs, 3000 cats and 5000 bovines were vaccinated against rabies.

No human rabies case was registered in the country.

**3.22 Luxembourg LUX**

by Arthur Besch

The country remained rabies-free (*see as well the article on page 9*).

**3.23 Latvia LVA**

by V. Veldre and E. Jēgers

155 rabies cases were registered during "*This Quarter*" in 25 out of 26 districts of the country. 131 cases were diagnosed in wild animals

(84.5% of total). 78 of these were foxes, 46 raccoon dogs, 2 badgers, 2 pine martens, 1 wolf, 1 moose and 1 roe deer. Of 24 rabies cases in domestic animals 17 were dogs and 7 cats. The most affected districts were Liepaja with 26 cases, Riga 14 cases and Madona 11 cases.

**3.24 Moldova MLD**

by Vasile Bahau and A. Ganea

Out of 14 animals examined for rabies during "*This Quarter*" (4 cats, 3 dogs, 4 bovines, 1 sheep, 1 fox, 1 rat), no animal was diagnosed rabid.

**3.25 Netherlands NET**

by Gerard Visser

The country remained rabies-free in terrestrial animals.

Two bat rabies cases were diagnosed, one in the province of Utrecht in May, the other in June, in the province of Friesland.

Surveillance

A total of 45 animals were investigated for rabies with negative results: 38 bats, 1 fox, 2 dogs, 3 cats, 1 deer.

**3.26 Norway NOR**

by Eivind Liven

The country remained rabies-free.

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**3.27 Poland POL**

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by Andrzej Komorowski

A total of 749 cases of rabies was registered in Poland during "*This Quarter*", 396 cases less than during the previous quarter and, 338 cases more than during the second quarter 2000 (an increase of 82.2%). Of the total, 655 cases were in wild animals (545 foxes included) and 94 in domestic animals.

At present, Poland experiences a set-back with oral vaccination of foxes against rabies. Areas free of rabies for some time were getting re-invaded. The front-wave extends, after a long time, westward. Additionally, there was a spill-over at the south-west state border at Klodzko district from an outbreak in the Czech Republic. The area had not registered cases for approx. 4 years.

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**3.28 Portugal POR**

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The country remained rabies-free.

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**3.29 Romania ROM**

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by Gabriel Predoi

A total of 112 rabies cases was reported during "*This Quarter*", 95 cases less than during the previous quarter and 94 cases more than during

the second quarter 2000. There were 73 cases in wild animals (69 foxes and 4 other wild animals) and 39 domestic animals (13 dogs, 7 cats, 7 bovines, 9 sheep, 3 other domesticated animals).

The cases were distributed throughout the country. Of 41 provinces, 11 were not affected by the disease.

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**3.30 Russia RUS**  
**European part only**

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by V.A.Vedernikov, V.A.Sedov,  
I.V. Baldina, A.A.Shabeykin,  
A.M.Gulyukin, N.A. Klementyeva  
B.L.Cherkasskiy, V.J. Ladnyi  
V.V.Seliverstov, V.N. Abramov,  
S.A. Kolomizev, and N.V. Matochina

During "*This Quarter*", 320 rabies cases in animals were reported. Of these, 200 were in domestic animals - 78 dogs, 40 cats, 78 bovines, 1 horse, 2 sheep, 1 pig. Of 120 wild animals rabies was diagnosed in 108 foxes, 4 raccoon dogs, 2 badgers, 3 wolves, 2 hamsters and 1 weasel (*Mustela nivalis*).

Most affected were the Kursk Region with 46 cases, Voronezh Region with 32 cases, Smolensk Region with 38 cases.

There were 2 human cases reported - in Bryansk Region and in Moscow Region.

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**3.31 Spain SPA**

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by Carlos Abellan Garcia

During "*This Quarter*", the mainland and islands of

Spain remained rabies-free in terrestrial animals.

There were 6 dogs diagnosed rabid in Melilla, the Spanish territory of North Africa.

There was no bat rabies case in the country.

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**3.32 Slovak Republic SVK**

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by Dušan Magic

A total of 18 rabies cases in animals was reported in the Slovak Republic during "*This Quarter*". Of these were 15 in wild animals (15 foxes) and 3 in domestic animals (3 cats).

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**3.33 Slovenia SVN**

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by Zoran Kovač

There were 26 rabies cases in animals during "*This Quarter*", 31 cases less than in the previous quarter, and 5 cases more than in the second quarter 2000. All cases occurred in wild animals (24 foxes, 2 badgers), and were distributed in the eastern half of the country, along the border with Croatia.

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**3.34 Sweden SWE**

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The country remained rabies-free.



<b>3.35 Switzerland SWI</b>	<b>3.36 Turkey TUR</b>	<b>3.37 Macedonia TYM</b>
by Reto Zanoni and Urs Breitenmoser	by Hüseyin Sungur	The country remained rabies-free.
The country remained rabies-free.	During " <i>This Quarter</i> ", 71 rabies cases in animals were reported in Turkey. The disease occurred in 56 dogs (78.9% of total), 9 bovines, 1 horse, 1 sheep, 2 red foxes, 1 wolf, 1 stone marten.	<b>3.38 Ukraine UKR</b>
<u>Surveillance</u>	Most of the cases were registered in Istanbul and Izmir provinces with 19 and 11 cases respectively. All other provinces reported less than seven cases.	No data.
During " <i>This Quarter</i> ", 25 animals were examined for rabies with negative results: 13 foxes, 1 badger, 1 pine marten, 1 roe deer, 1 bat, 3 dogs, 4 cats, 1 goat. The bat (in brackets the community where the sample was taken) was specified as <i>Pipistrellus pipistrellus</i> (Corgémont).		<b>3.39 United Kingdom UNK</b>
		by Fred Landeg The country remained free of indigenous rabies. There were 2 imported human rabies cases ( <i>see as well on page 11 of this BULLETIN</i> ).

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## 4. MISCELLANEOUS ARTICLES

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### 4.1 Two more countries rabies-free in Europe - the Grand Duchy of Luxembourg and Belgium

by **Dr. A. Besch**, Chef des Services Veterinaires luxembourgeois,

Administration des Services Vétérinaires, 93, rue d'Anvers, boîte postale 1403, L-1014 Luxembourg

**Dr. L. Lengele**, Chef des Services Vétérinaires belges and **Dr. P. Dechamps**, Services Vétérinaires belges,

Ministere des classes moyennes et de l'agriculture, Administration de la santé animale et de la qualité des produits animaux,  
WTC 3 - Boulevard Simon Bolivar, 30 - 5e étage - B-1000 Bruxelles

The last indigenously acquired rabies cases occurred in the Grand Duchy of Luxembourg in a pony in the region of Noertrange-Wiltz in January 1999 and in Belgium in the region of Longvilly-Bastogne in a bovine in July of 1999.

Thus, the status of rabies-free, according to the WHO recommendation was realized for Luxembourg during the first quarter 2001 and for Belgium will be realized during the third quarter 2001 (*Editors note: report of freedom from rabies in Belgium for up to the month of July 2001 are available while preparing this issue of the BULLETIN*).

Both countries started 1986 with the oral vaccination of foxes against rabies and continue surveillance and vaccination according to the epidemiological situation of the neighbouring countries.

The following are some details of the development of rabies in the two countries.

#### Luxembourg

The last case of canine rabies occurred in the country in 1912.

In 1966 the first case of fox-mediated rabies was recorded. In 1967 there were already 361 cases recorded, 280 in wild animals (of these 241 foxes) and 81 domestic animals (of these 55 bovines and 11 sheep).

Altogether, from 1966 to 2000 1676 animals were diagnosed rabid. Of these, 1076 were wild animals (981 foxes, 25 badgers, 36 roe deer, 26 stone martens, 5 pine martens, 1 polecat, 1 wild boar, 1 fallow deer) and 600 domestic animals (6 dogs, 58 cats, 18 horses, 414 bovines, 99 sheep, 2 goats, 2 pigs, 1 donkey). The evolution of these cases can be seen in FIGURE 4.1.1 (page 10).

In 1986 the oral vaccination of foxes was started as a field trial. The vaccine in use was the SAD B19 produced in Tübingen. Two campaigns were practised, one in spring and one in autumn.

In 1990 the distribution of vaccine baits was practised in spring and autumns by helicopter (18-20 vaccine baits per km<sup>2</sup>). Additional, by hand distribution was practised at fox dens in June.

From 1992 onward a new type of vaccine was used, „Raboral“, produced in France.

#### Belgium

Just like Luxembourg, Belgium was infected by the fox-mediated rabies in 1966 for the first time.

The evolution of the disease from that time on can be seen in FIGURE 4.1.2 (page 10).

FIGURE 4.1.1

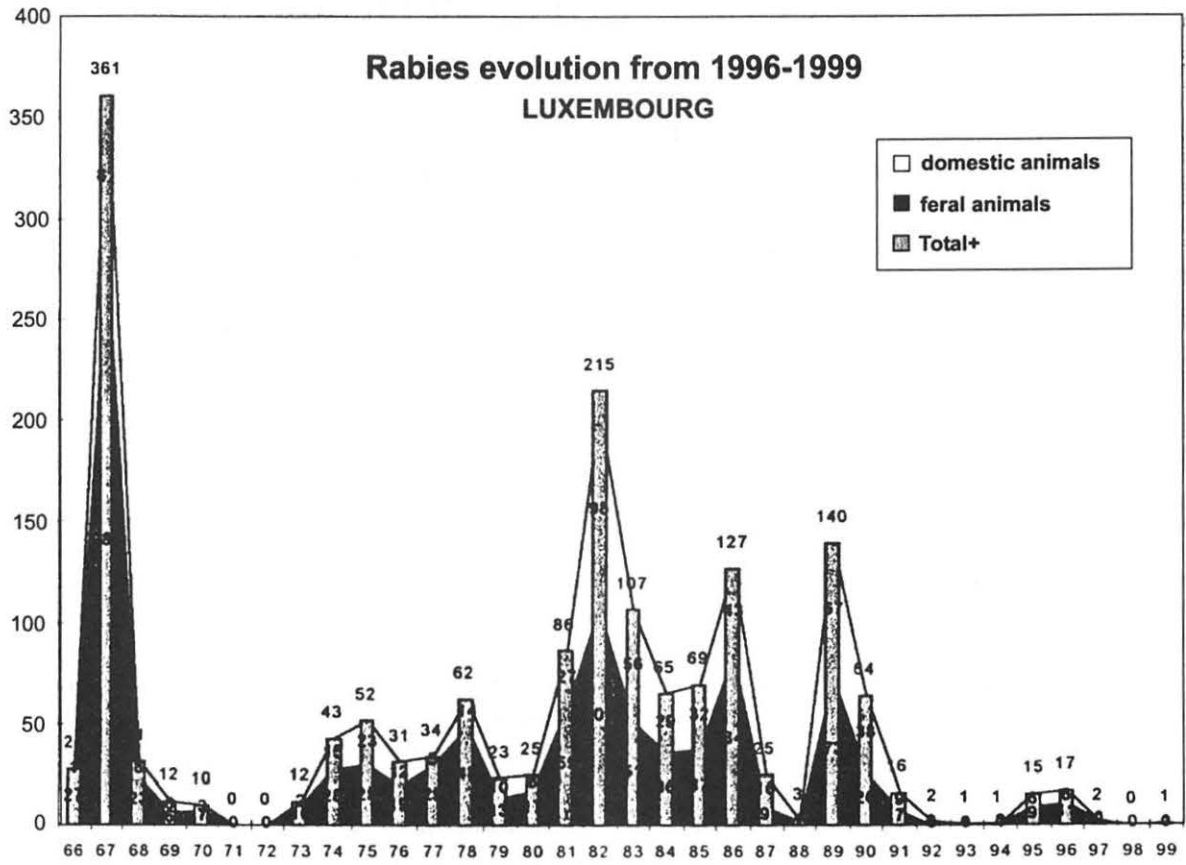
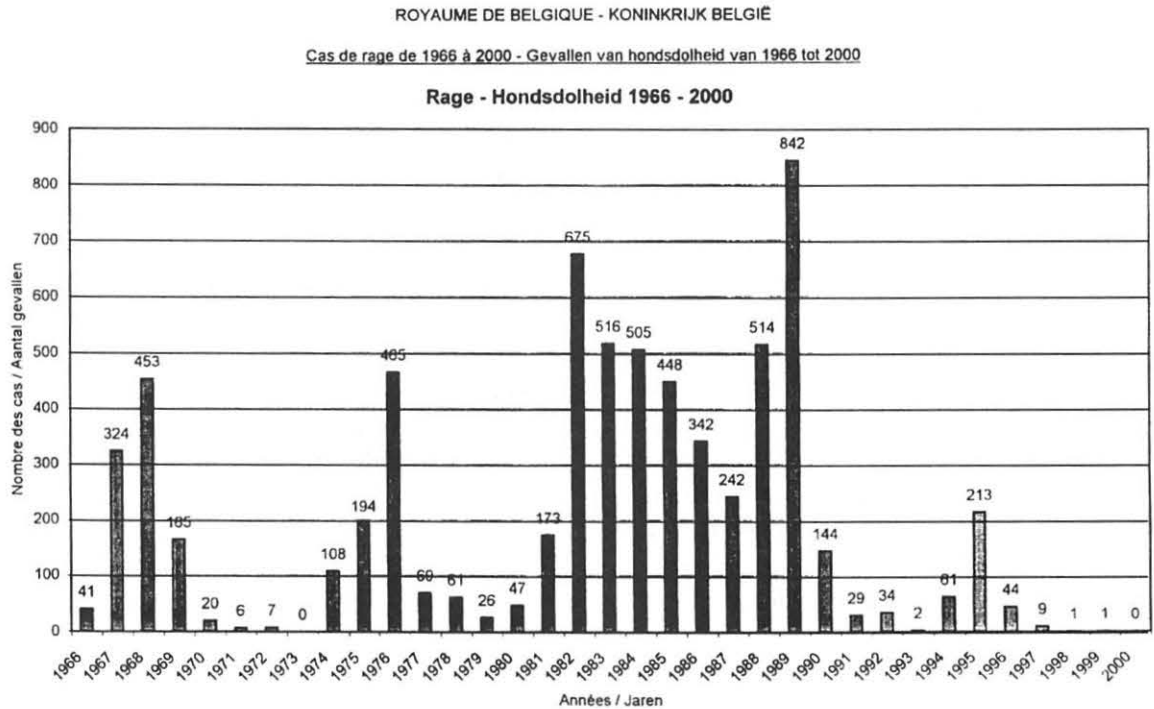


FIGURE 4.1.2



The total number of rabid animals from 1966 to 2000 amounted to 6781. The following animals were affected: 4291 wild animals (4073 foxes, 66 badgers, 47 deer, 106 other wild animals) and 2489 domestic animals (64 dogs, 287 cats, 1631 bovines, 72 horses, 425 sheep, 10 other domestic animals).

The greatest extension of the infected area was

never more than half of the country.

During the final years of eradication the oral vaccination was practised in the following manner: a spring and an autumn vaccination distributing the vaccine baits by helicopter, and, in May/June a distribution by hand around fox dens.

*(Information taken from 2 country reports).*

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## 4.2 Two Imported Human Rabies Cases in the United Kingdom

by Anthony R. Fooks, Head of Rabies  
Veterinary Laboratories Agency - Weybridge  
New Haw, Addlestone, Surrey, KT15 3NB, UK

Below is the report on two human rabies cases imported into the UK from the Philippines and from Nigeria.

### *Case 1: Imported human rabies case (UK ex. Philippines)*

A 55-year-old man, originally from the Philippines, but resident in the UK for 10 years, presented to hospital on the 30<sup>th</sup> April 2001 having been bitten on the palm by a dog while visiting the Philippines 6 weeks earlier. He had not previously received rabies vaccine and did not seek post exposure prophylaxis. The patient was managed supportively but developed progressive cardiovascular instability and died on Day 8 on the 7<sup>th</sup> May 2001 (12 days after the onset of symptoms). The virus was confirmed as genotype 1 (classical rabies) by alignment of a 350 base-pair region of the nucleoprotein gene.

Subsequent analysis determined the patient's virus isolate to have 98.6% sequence homology to Philippine dog strains obtained from our collaborators at the Pasteur-Institute, Paris and at the Rabies Institute for Tropical Medicine, The Philippines.

### *Case 2: Imported human rabies case (UK ex. Nigeria)*

In May of this year a 52-year-old female Nigerian national visiting the UK was admitted to University Hospital Lewisham following a short history of inappropriate behaviour with symptoms of fever, headache and confusion. Rabies was suspected when it was confirmed that the patient had been bitten on the leg by a dog in Nigeria some five months previously. The patient died on 30<sup>th</sup> May 2001.

Rabies diagnosis was confirmed by the laboratory using the fluorescent antibody test (FAT) on brain specimens taken at autopsy. In addition, RT-PCR was carried out on samples from a number of compartments of the brain, the skin, salivary gland and heart tissue. Positive results were found for every tissue compartment apart from the heart. Amplified product from a cortex autopsy sample was sequenced to generate a 360 base-pair fragment. Phylogenetic analysis of the viral genome confirmed that the virus was a genotype 1 virus (classical rabies) belonging to the Africa 2 strain which is endemic in West Africa within the dog (*Canis familiaris*) population.

### 4.3 Spread of Rabies in the South of Europe

by Dušan Lalošević, Director  
Pasteur Institute Novi Sad,  
P.O. Box 208, Hajduk Veljkova 1 st., 21000 Novi Sad, Yugoslavia

By the end of the 1990s, there was a great spread of sylvatic rabies in the south of Europe. Over decades Yugoslavia has had well-controlled sylvatic rabies in the north of the country, the rivers of Sava and Danube being natural barriers. In 1991, when the fourth war in the Balkans in the 20<sup>th</sup> century started, we documented a case of a rabid fox swimming across the Danube, which was killed by a soldier at the opposite bank. Between 1991-99, in most parts of central Serbia, from the north to the south, there was a fast spreading of the disease, about 20-50 km per year (see FIGURE 4.3.1). In 1998, the southern part of Yugoslavia was infected, and in winter of 2000, in the Republic of Macedonia, the first rabid animal, a cat, was diagnosed after 18 years without recording rabies. (*Editors note: not reported to this BULLETIN*). In 2001, Albania reported the first case of rabies since 1976.

In Vojvodina, north of the Danube, the eastern region, Deliblato sand, was colonized in 1944 by some wolf families from the Rumanian Carpathes, and the then registered rabies cases included a few human victims. In winter 1952-53, rabies was transmitted to a fox population and in this region many bovine rabies cases were registered as well. This epizootic was independent from the classic fox-mediated rabies from Poland. Dog-mediated rabies was eradicated in Vojvodina in 1957. After 10 years without sylvatic rabies, the second epizootic appeared in the border region of Hungary, Rumania and Yugoslavia in 1962, but soon disappeared. The third epizootic

started again at the Hungarian/Yugoslavian border in 1972, and in this area fox-mediated rabies has persisted ever since.

The Yugoslav Republic of Montenegro was infected in 1990 from the western border with Bosnia and Croatia, and during 10 years fox-mediated rabies with some bovine and a few other domestic animals has spread into the Adriatic Sea communities. In this Republic, the first dog rabies case, after contact with a fox, was registered in 2001.

The last cases of human rabies were registered in Yugoslavia in 1980, and they were dog-mediated. Some fox-mediated human cases occurred in Bosnia in 1994 and 1996. In Hungary, there were two human cases in 1994 transmitted by a cat. In Bulgaria in 1994, there was one human case transmitted by a dog after 20 years without rabies. In Rumania, there were human cases reported each year. Today, only Greece is rabies-free of the Balkans.

FIGURE 4.3.1

The border-line of sylvatic rabies extension into southeastern Europe  
(from RBE 1/2001, modified by the author)

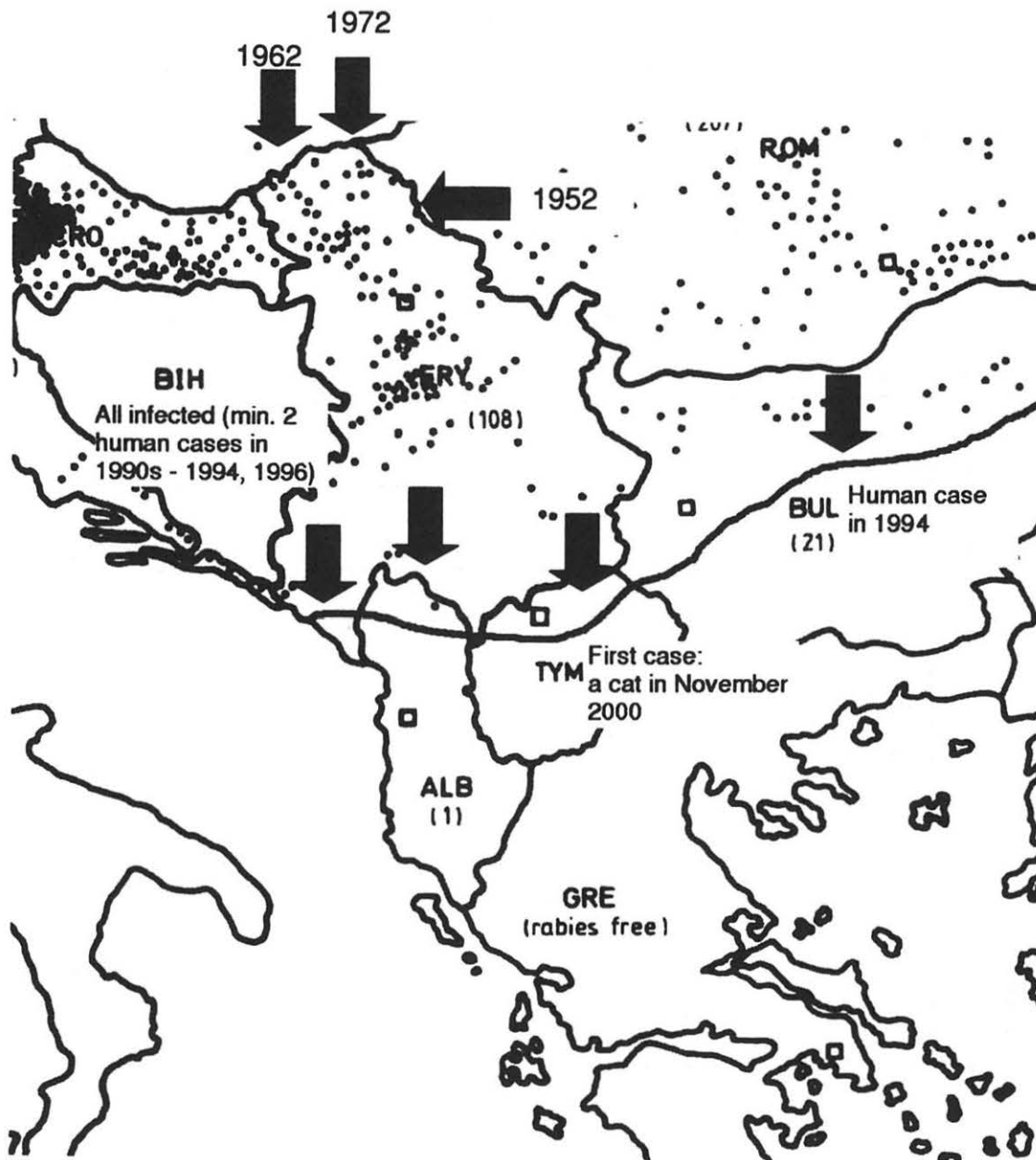


TABLE 5.1

EUR		EUROPE						2/2001						RABIES CASES				1. 4.01 - 30. 6.01	
LOCATION		DOMESTIC ANIMALS						WILD ANIMALS						HUMAN CASES	TOTAL				
CODE	NAME	DOG	CAT	CATTLE	HORSE	SHEEP GOAT	OTHERS	TOTAL	FOX	BADGER	OTHER MUSTEL	DEER	OTHERS			TOTAL			
ALB	ALBANIA	*						0						0	0				
AUT	AUSTRIA	*						0						0	0				
BEL	BELGIUM	*						0						0	0				
BIH	BOSNA I HERCEGOWIN**							0						0	0				
BUL	BULGARIA							0	-	-	-	-	20	20	20				
BYE	BELARUS	**						0						0	0				
CRO	CROATIA		1	-	1	-	2	-	4	60	1	1	-	62	66				
CYP	CYPRUS	*						0						0	0				
CZH	CZECH REPUBLIC							0	3	-	-	-	-	3	3				
DEN	DENMARK	*						0						0	0				
DEU	FED.REP.OF GERMANY		-	-	1	1	-	-	2	5	-	-	1	6	8				
EST	ESTONIA		2	2	-	-	-	-	4	18	-	-	10	28	32				
FIN	FINLAND	*						0						0	0				
FRA	FRANCE	1)	1	-	-	-	-	-	1					0	1				
FRY	FED.REP.OF YUGOSLA		1	8	4	-	1	-	14	43	-	-	-	43	57				
GRE	GREECE	*						0						0	0				
HUN	HUNGARY		5	9	3	-	1	-	18	49	-	1	1	51	69				
ICE	ICELAND	*						0						0	0				
IRE	IRELAND	*						0						0	0				
ITA	ITALY	*						0						0	0				
LTU	LITHUANIA		9	17	18	1	-	-	45	40	3	5	-	41	89				
LUX	LUXEMBOURG	*						0						0	0				
LVA	LATVIA		17	7	-	-	-	-	24	78	2	2	2	47	131				
MLD	MOLDOVA	*						0						0	0				
NET	NETHERLANDS							0	-	-	-	-	2	2	2				
NOR	NORWAY	*						0						0	0				
POL	POLAND		22	56	14	-	2	-	94	545	9	33	8	60	655				
POR	PORTUGAL	*						0						0	0				
ROM	ROMANIA		13	7	7	-	9	3	39	69	-	-	1	3	73				
RUS	RUSSIAN FEDERATION		78	40	78	1	2	1	200	108	2	1	-	9	120				
SPA	SPAIN	2)	3	-	-	-	-	3	6					0	6				
SVK	SLOVAK REPUBLIC							3	15	-	-	-	-	15	18				
SVN	SLOVENIA							0	24	2	-	-	-	26	26				
SWE	SWEDEN	*						0						0	0				
SWI	SWITZERLAND + LIEC*							0						0	0				
TUR	TURKEY		56	-	9	1	1	-	67	2	-	1	-	4	71				
TYM	MAKEDONIJA	*						0						0	0				
UKR	UKRAINE	**						0						0	0				
UNK	UNITED KINGDOM	3)						0						0	0				
TOTAL			208	149	135	4	18	7	521	1059	19	44	11	195	1328				
PER CENT			11.2	8.0	7.3	0.2	1.0	0.4	28.1	57.2	1.0	2.4	0.6	10.5	71.7				
															0.2				
															100.0				

\* NO CASES \*\* NO DATA 1) IMPORTED FROM MOROCCO 2) IN NORTH AFRICA 3) IMPORTED FROM NIGERIA AND PHILIPPINES

TABLE 5.2

EUR		EUROPE		1-2/2001				RABIES CASES						1. 1.01 - 30. 6.01	
LOCATION		DOMESTIC ANIMALS						WILD ANIMALS						HUMAN CASES	TOTAL
CODE	NAME	DOG	CAT	CATTLE	HORSE	SHEEP GOAT	OTHERS	TOTAL	FOX	BADGER	OTHER MUSTEL	DEER	OTHERS		
ALB	ALBANIA	1	-	-	-	-	-	1						0	1
AUT	AUSTRIA	*						0						0	0
BEL	BELGIUM	*						0						0	0
BIH	BOSNA I HERCEGOWIN**							0						0	0
BUL	BULGARIA							0					41	41	41
BYE	BELARUS	1)	23	10	5	2	1	41	92	-	2	-	6	100	141
CRO	CROATIA		4	1	2	-	9	16	276	2	2	2	-	282	298
CYP	CYPRUS	*						0						0	0
CZH	CZECH REPUBLIC		-	2	-	-	-	2	22	1	2	1	-	26	28
DEN	DENMARK	*						0						0	0
DEU	FED.REP.OF GERMANY		-	1	1	1	-	3	27	-	-	2	2	31	34
EST	ESTONIA		3	2	-	-	-	5	30	-	-	1	23	54	59
FIN	FINLAND	*						0						0	0
FRA	FRANCE	2)	1	-	-	-	-	1						0	1
FRY	FED.REP.OF YUGOSLA		9	18	4	-	2	33	132	-	-	-	-	132	165
GRE	GREECE	*						0						0	0
HUN	HUNGARY		14	26	11	-	1	52	147	-	1	1	1	150	202
ICE	ICELAND	*						0						0	0
IRE	IRELAND	*						0						0	0
ITA	ITALY	*						0						0	0
LTU	LITHUANIA		18	32	24	4	-	78	92	3	20	-	99	214	292
LUX	LUXEMBOURG	*						0						0	0
LVA	LATVIA		28	18	5	-	2	53	144	2	7	2	74	229	282
MLD	MOLDOVA		2	-	1	-	-	3	5	-	-	-	-	5	8
NET	NETHERLANDS							0					2	2	2
NOR	NORWAY	*						0						0	0
POL	POLAND		66	110	30	-	3	210	1478	9	54	10	133	1684	1894
POR	PORTUGAL	*						0						0	0
ROM	ROMANIA		24	10	11	2	13	64	244	1	2	2	6	255	319
RUS	RUSSIAN FEDERATION		169	100	161	5	6	442	266	3	1	-	22	292	4 738
SPA	SPAIN	3)	3	-	-	-	-	3	6					0	6
SVK	SLOVAK REPUBLIC		2	5	-	-	-	7	37	1	1	-	1	40	47
SVN	SLOVENIA		5	2	-	-	-	7	71	2	2	1	-	76	83
SWE	SWEDEN	*						0						0	0
SWI	SWITZERLAND + LIEC*							0						0	0
TUR	TURKEY		90	-	13	1	5	111	6	-	3	-	1	10	121
TYM	MAKEDONIJA	*						0						0	0
UKR	UKRAINE	**						0						0	0
UNK	UNITED KINGDOM	4)						0						0	2
TOTAL			462	337	268	15	42	1135	3069	24	97	22	411	3623	6 4764
PER CENT			9.7	7.1	5.6	0.3	0.9	23.8	64.4	0.5	2.0	0.5	8.6	76.0	0.1 100.0

\* NO CASES \*\* NO DATA

1) NO DATA FOR 2ND QUARTER  
3) IN NORTH AFRICA2) IMPORTED FROM MOROCCO  
4) IMPORTED FROM NIGERIA AND PHILIPPINES



TABLE 5.3

EUR		EUROPE		2/2001		RABIES CASES 'OTHER ANIMAL SPECIES'								1. 4.01 - 30. 6.01		
LOCATION		OTHER DOMESTIC ANIMALS			OTHER WILD ANIMALS									UNSPEC.	TOTAL	
CODE	NAME	PIG	DOG LIV.WILD	OTH.DOM. ANIMAL	WOLF	RACCOON DOG	WILD BOAR	INSECTIV BAT	BEAVER	HAMSTER	BLACK RAT	MUSKRAT	HARE			OTH.WILD ANIMAL
BUL	BULGARIA	-	-	-	-	-	-	-	-	-	-	-	-	-	20	20
DEU	F.R. GERMANY	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
EST	ESTONIA	-	-	-	-	10	-	-	-	-	-	-	-	-	-	10
HUN	HUNGARY	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1
LTU	LITHUANIA	-	-	-	1	38	-	-	-	-	1	1	-	-	-	41
LVA	LATVIA	-	-	-	1	46	-	-	-	-	-	-	-	-	-	47
NET	NETHERLANDS	-	-	-	-	-	-	2	-	-	-	-	-	-	-	2
POL	POLAND	-	-	-	-	55	1	2	1	-	-	-	1	-	-	60
ROM	ROMANIA	-	-	3	-	-	-	-	-	-	-	-	-	3	-	6
RUS	RUSSIAN FEDE	1	-	-	3	4	-	-	-	2	-	-	-	-	-	10
SPA	SPAIN	-	3	-	-	-	-	-	-	-	-	-	-	-	-	3
TUR	TURKEY	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
TOTAL		1	3	3	6	153	1	5	1	2	2	1	1	3	20	202
PER CENT		0.5	1.5	1.5	3.0	75.7	0.5	2.5	0.5	1.0	1.0	0.5	0.5	1.5	9.9	100.0

R A B I E S   C A S E S																1. 4.01 - 30. 6.01	
LOCATION		D O M E S T I C   A N I M A L S						W I L D   A N I M A L S						HUMAN CASES	TOTAL		
CODE	NAME	DOG	CAT	CATTLE	HORSE	SHEEP GOAT	OTHERS	TOTAL	FOX	BADGER	OTHER MUSTEL	DEER	OTHERS			TOTAL	
<b>BUL</b> B U L G A R I A																	
03	VARNA							0	-	-	-	-	2	2	2		
05	VIDIN							0	-	-	-	-	2	2	2		
06	VRATZA							0	-	-	-	-	2	2	2		
08	DOBRICH							0	-	-	-	-	4	4	4		
12	MONTANA							0	-	-	-	-	2	2	2		
15	PLEVEN							0	-	-	-	-	4	4	4		
25	TARGOVITCHE							0	-	-	-	-	2	2	2		
27	CHOUMEN							0	-	-	-	-	2	2	2		
TOTAL		0	0	0	0	0	0	0	0	0	0	0	20	20	0	20	
<b>TUR</b> T U R K E Y																	
02	ADIYAMAN	1	-	1	-	-	-	2						0		2	
09	AYDIN	3	-	-	1	-	-	4						0		4	
10	BALIKESIR	5	-	-	-	-	-	5						0		5	
16	BURSA	6	-	-	-	-	-	6						0		6	
21	DIYARBAKIR	1	-	-	-	-	-	1						0		1	
23	ELAZIG	2	-	-	-	-	-	2						0		2	
25	ERZURUM	3	-	-	-	-	-	3	-	-	-	-	1	1		4	
27	GAZIANTEP	1	-	-	-	-	-	1						0		1	
31	HATAY	1	-	1	-	-	-	2						0		2	
34	ISTANBUL	18	-	-	-	1	-	19						0		19	
35	IZMIR	5	-	4	-	-	-	9	2	-	-	-	-	2		11	
36	KARS	1	-	-	-	-	-	1						0		1	
41	KOCAELI	2	-	-	-	-	-	2						0		2	
45	MANISA							0	-	-	1	-	-	1		1	
46	KAHRAMANMARAS	1	-	-	-	-	-	1						0		1	
47	MARDIN	-	-	1	-	-	-	1						0		1	
52	ORDU	1	-	-	-	-	-	1						0		1	
54	SAKARYA	1	-	-	-	-	-	1						0		1	
55	SAMSUN	-	-	1	-	-	-	1						0		1	
63	SANLIURFA	4	-	1	-	-	-	5						0		5	
TOTAL		56	0	9	1	1	0	67	2	0	1	0	1	4	0	71	
PER CENT		78.9	0.0	12.7	1.4	1.4	0.0	94.4	2.8	0.0	1.4	0.0	1.4	5.6	0.0	100.0	

R A B I E S   C A S E S															1. 4.01 - 30. 6.01	
LOCATION CODE    NAME		D O M E S T I C   A N I M A L S						W I L D   A N I M A L S						HUMAN CASES	TOTAL	
		DOG	CAT	CATTLE	HORSE	SHEEP GOAT	OTHERS	TOTAL	FOX	BADGER	OTHER MUSTEL	DEER	OTHERS			TOTAL
<b>CRO</b> C R O A T I A																
01	Zagrebacka						0	16	-	-	-	-	16		16	
02	Krapinsko-Zagorska						0	4	-	-	-	-	4		4	
03	Sisacko-Moslavaca						0	3	-	-	-	-	3		3	
04	Karlovacka	1	-	-	-	-	1						0	1	1	
06	Koprivnicko-Krizevack	-	-	1	-	-	1	1	-	-	-	-	1	2	2	
08	Primorsko-Goranska						0	11	-	-	-	-	11	11	11	
09	Licko-Senjska						0	2	-	-	-	-	2	2	2	
10	Viroviticko-Podravska						0	1	-	-	-	-	1	1	1	
11	Pozesko-Slavonska	-	-	-	-	1	-	1	-	-	-	-	1	2	2	
12	Brodsko-Posavska						0	1	-	-	-	-	1	1	1	
13	Zadarska						0	1	-	-	-	-	1	1	1	
14	Osijecko-Baranjska						0	5	-	-	-	-	5	5	5	
16	Vukovarsko-Srijemska						0	2	-	-	-	-	2	2	2	
17	Splitsko-Dalmatinska						0	5	-	1	-	-	6	6	6	
18	Istarska						0	2	-	-	-	-	2	2	2	
19	Dubrovačko-Neretvanska	-	-	-	-	1	-	1	2	-	-	-	2	3	3	
21	Zagreb						0	3	1	-	-	-	4	4	4	
TOTAL		1	0	1	0	2	0	4	60	1	1	0	0	62	0	66
PER CENT		1.5	0.0	1.5	0.0	3.0	0.0	6.1	90.9	1.5	1.5	0.0	0.0	93.9	0.0	100.0
<b>HUN</b> H U N G A R Y																
01	Budapest	-	1	-	-	-	-	1	1	-	-	-	1		2	
03	Bacs-Kiskun						0	3	-	-	-	-	3		3	
04	Bekes	1	1	-	-	-	-	2					0	2	2	
05	Borsod-Abauj-Zemlen	-	2	-	-	-	-	2	9	-	-	-	9	11	11	
06	Csongrad	2	-	1	-	-	-	3	3	-	-	-	3	6	6	
08	Gyoer-Moson-Sopron						0	-	-	-	-	1	1	1	1	
09	Hajdu-Bihar	1	1	1	-	-	-	3	5	-	-	-	5	8	8	
10	Heves						0	3	-	-	-	-	3	3	3	
12	Nograd	-	2	-	-	-	-	2	3	-	1	-	4	6	6	
13	Pest	-	2	-	-	1	-	3	13	-	-	-	13	16	16	
15	Szabolcs-Szatmar-Bere						0	6	-	-	-	-	6	6	6	
16	Jasz-Nagykun-Szolnok	1	-	1	-	-	-	2	3	-	-	-	3	5	5	
TOTAL		5	9	3	0	1	0	18	49	0	1	0	1	51	0	69
PER CENT		7.2	13.0	4.3	0.0	1.4	0.0	26.1	71.0	0.0	1.4	0.0	1.4	73.9	0.0	100.0

R A B I E S   C A S E S															1. 4.01 - 30. 6.01	
LOCATION		D O M E S T I C   A N I M A L S						W I L D   A N I M A L S						HUMAN CASES	TOTAL	
CODE	NAME	DOG	CAT	CATTLE	HORSE	SHEEP GOAT	OTHERS	TOTAL	FOX	BADGER	OTHER MUSTEL	DEER	OTHERS			TOTAL
<b>CZH</b> C Z E C H   R E P U B L I C																
05	East Bohemia							0	3	-	-	-	-	3		3
<b>POL</b> P O L A N D																
02	Dolnoslaskie	-	1	-	-	-	-	1	9	-	-	1	1	11		12
04	Kujawsko-Pomorskie	3	5	3	-	-	-	11	35	1	-	-	6	42		53
06	Lubelskie	2	13	-	-	-	-	15	103	2	3	-	5	113		128
08	Lubuskie							0	1	-	-	-	-	1		1
10	Lodzkie							0	8	-	1	-	3	12		12
12	Malopolskie	4	13	-	-	-	-	17	40	-	7	1	-	48		65
14	Mazowieckie	3	3	-	-	-	-	6	59	1	-	1	1	62		68
18	Podkarpackie	5	6	-	-	1	-	12	76	-	8	1	-	85		97
20	Podlaskie	-	-	2	-	-	-	2	37	-	2	1	-	41		43
22	Pomorskie	-	-	1	-	-	-	1	-	-	-	-	1	1		2
24	Slaskie							0	9	-	1	-	-	10		10
26	Swietokrzyskie	-	7	-	-	1	-	8	38	-	4	-	3	45		53
28	Warminsko-Mazurskie	4	6	6	-	-	-	16	60	1	4	-	29	94		110
30	Wielkopolskie	1	2	2	-	-	-	5	70	4	2	3	10	89		94
32	Zachodniopomorskie							0	-	-	1	-	-	1		1
TOTAL		22	56	14	0	2	0	94	545	9	33	8	60	655	0	749
PER CENT		2.9	7.5	1.9	0.0	0.3	0.0	12.6	72.8	1.2	4.4	1.1	8.0	87.4	0.0	100.0
<b>SVK</b> S L O V A K   R E P U B L I C																
1	Bratislavsky kraj							0	2	-	-	-	-	2		2
2	Trnavsky kraj	-	1	-	-	-	-	1	3	-	-	-	-	3		4
4	Nitriansky kraj							0	2	-	-	-	-	2		2
5	Zilinsky kraj							0	2	-	-	-	-	2		2
6	Banskobystricky kraj	-	1	-	-	-	-	1	5	-	-	-	-	5		6
7	Presovsky kraj							0	1	-	-	-	-	1		1
8	Kosicky kraj	-	1	-	-	-	-	1						0		1
TOTAL		0	3	0	0	0	0	3	15	0	0	0	0	15	0	18
PER CENT		0.0	16.7	0.0	0.0	0.0	0.0	16.7	83.3	0.0	0.0	0.0	0.0	83.3	0.0	100.0

R A B I E S   C A S E S															1. 4.01 - 30. 6.01	
LOCATION CODE    NAME		D O M E S T I C   A N I M A L S						W I L D   A N I M A L S						HUMAN CASES	TOTAL	
		DOG	CAT	CATTLE	HORSE	SHEEP GOAT	OTHERS	TOTAL	FOX	BADGER	OTHER MUSTEL	DEER	OTHERS			TOTAL
<b>DEU</b> F E D . R E P . O F   G E R M A N Y																
03	Niedersachsen						0	-	-	-	-	1	1		1	
05	Nordrhein-Westfalen						0	1	-	-	-	-	1		1	
06	Hessen	-	-	1	1	-	2	4	-	-	-	-	4		6	
TOTAL		0	0	1	1	0	2	5	0	0	0	1	6	0	8	
PER CENT		0.0	0.0	12.5	12.5	0.0	25.0	62.5	0.0	0.0	0.0	12.5	75.0	0.0	100.0	
<b>LVA</b> L A T V I A																
01	Aizkraukle						0	3	-	-	-	-	3		3	
02	Aluksne						0	3	-	-	1	2	6		6	
03	Balvi						0	1	-	-	-	1	2		2	
04	Bauska						0	-	-	-	-	2	2		2	
05	Cesis	-	1	-	-	-	1	3	-	-	-	1	4		5	
06	Daugavpils						0	3	-	-	-	4	7		7	
07	Dobeles	2	-	-	-	-	2	1	-	1	-	2	4		6	
08	Gulbene						0	4	-	-	1	1	6		6	
09	Jekabpils	-	1	-	-	-	1	-	-	1	-	-	1		2	
10	Jelgava	1	-	-	-	-	1	-	-	-	-	1	1		2	
11	Kraslava	1	-	-	-	-	1	-	-	-	-	-	0		1	
12	Kuldiga	1	-	-	-	-	1	5	-	-	-	4	9		10	
13	Liepaja	3	2	-	-	-	5	11	2	-	-	8	21		26	
15	Ludza						0	3	-	-	-	1	4		4	
16	Madona	1	2	-	-	-	3	5	-	-	-	3	8		11	
17	Ogre						0	2	-	-	-	2	4		4	
18	Preiļi						0	3	-	-	-	-	3		3	
19	Rezekne	1	-	-	-	-	1	3	-	-	-	3	6		7	
20	Riga	4	1	-	-	-	5	6	-	-	-	3	9		14	
21	Saldus						0	7	-	-	-	2	9		9	
22	Talsi						3	6	-	-	-	1	7		10	
23	Tukums						0	3	-	-	-	3	6		6	
24	Valka						0	1	-	-	-	2	3		3	
25	Valmiera						0	3	-	-	-	-	3		3	
26	Ventspils						0	2	-	-	-	1	3		3	
TOTAL		17	7	0	0	0	24	78	2	2	2	47	131	0	155	
PER CENT		11.0	4.5	0.0	0.0	0.0	15.5	50.3	1.3	1.3	1.3	30.3	84.5	0.0	100.0	

R A B I E S   C A S E S															1. 4.01 - 30. 6.01	
LOCATION		D O M E S T I C   A N I M A L S						W I L D   A N I M A L S						HUMAN CASES	TOTAL	
CODE	NAME	DOG	CAT	CATTLE	HORSE	SHEEP GOAT	OTHERS	TOTAL	FOX	BADGER	OTHER MUSTEL	DEER	OTHERS			TOTAL
<b>EST</b> E S T O N I A																
01	Harjumaa							0	-	-	-	-	1	1		1
03	Ida-Virumaa							0	1	-	-	-	-	1		1
05	Jaervamaa							0	2	-	-	-	2	4		4
06	Laeenemaa							0	2	-	-	-	-	2		2
07	Laeene-Virumaa	-	1	-	-	-	-	1	1	-	-	-	-	1		2
08	Polvamaa							0	1	-	-	-	-	1		1
09	Paernumaa							0	1	-	-	-	-	1		1
10	Raplamaa							0	2	-	-	-	3	5		5
12	Tartumaa							0	4	-	-	-	4	8		8
13	Valgamaa	1	-	-	-	-	-	1	1	-	-	-	-	1		2
14	Viljandimaa							0	3	-	-	-	-	3		3
15	Vorumaa	1	1	-	-	-	-	2						0		2
TOTAL		2	2	0	0	0	0	4	18	0	0	0	10	28	0	32
PER CENT		6.3	6.3	0.0	0.0	0.0	0.0	12.5	56.3	0.0	0.0	0.0	31.3	87.5	0.0	100.0
<b>FRA</b> F R A N C E																
33	Gironde	1)	1	-	-	-	-	1						0		1
<b>NET</b> N E T H E R L A N D S																
02	FRIESLAND							0	-	-	-	-	1	1		1
09	UTRECHT							0	-	-	-	-	1	1		1
TOTAL			0	0	0	0	0	0	0	0	0	0	2	2	0	2
<b>SPA</b> S P A I N																
52	MELILLA (NORTH AFRICA)		3	-	-	-	-	3	6					0		6
<b>UNK</b> U N I T E D   K I N G D O M   O F   G R E A T   B R I T A I N																
01	GREAT LONDON	2)						0						0	2	2

1) IMPORTED FROM MOROCCO    2) IMPORTED FROM NIGERIA AND PHILIPPINES

R A B I E S   C A S E S															1. 4.01 - 30. 6.01	
LOCATION		D O M E S T I C   A N I M A L S						W I L D   A N I M A L S						HUMAN CASES	TOTAL	
CODE	NAME	DOG	CAT	CATTLE	HORSE	SHEEP GOAT	OTHERS	TOTAL	FOX	BADGER	OTHER MUSTEL	DEER	OTHERS			TOTAL
<b>FRY</b> F E D . R E P . O F   Y U G O S L A V I A																
01	Beograd							0	2	-	-	-	-	2		2
02	Pancevo	-	1	-	-	-	-	1	1	-	-	-	-	1		2
03	Novi Sad	1	-	-	-	1	-	2	8	-	-	-	-	8		10
04	Zrenjanin	-	2	-	-	-	-	2						0		2
05	Subotica	-	1	-	-	-	-	1	8	-	-	-	-	8		9
06	Sombor	-	1	-	-	-	-	1	3	-	-	-	-	3		4
07	Sabac							0	1	-	-	-	-	1		1
09	Jagodina							0	2	-	-	-	-	2		2
10	Zajecar							0	2	-	-	-	-	2		2
11	Kraljevo	-	3	-	-	-	-	3	10	-	-	-	-	10		13
12	Nis							0	3	-	-	-	-	3		3
13	Podgorica	-	-	4	-	-	-	4	3	-	-	-	-	3		7
TOTAL		1	8	4	0	1	0	14	43	0	0	0	0	43	0	57
PER CENT		1.8	14.0	7.0	0.0	1.8	0.0	24.6	75.4	0.0	0.0	0.0	0.0	75.4	0.0	100.0
<b>SVN</b> S L O V E N I A																
048	KOCEVJE							0	1	-	-	-	-	1		1
051	KOZJE							0	3	-	-	-	-	3		3
057	LASKO							0	1	-	-	-	-	1		1
060	LITIJA							0	1	2	-	-	-	3		3
085	NOVO MESTO							0	1	-	-	-	-	1		1
104	RIBNICA							0	1	-	-	-	-	1		1
109	SEMIC							0	1	-	-	-	-	1		1
110	SEVNICA							0	1	-	-	-	-	1		1
114	SLOVENSKE KONJICE							0	4	-	-	-	-	4		4
120	SENTJUR PRI CELJU							0	4	-	-	-	-	4		4
124	SMARJE PRI JELSAH							0	1	-	-	-	-	1		1
127	STORE							0	3	-	-	-	-	3		3
130	TREBNJE							0	2	-	-	-	-	2		2
TOTAL		0	0	0	0	0	0	0	24	2	0	0	0	26	0	26
PER CENT		0.0	0.0	0.0	0.0	0.0	0.0	0.0	92.3	7.7	0.0	0.0	0.0	100.0	0.0	100.0



LTU L I T H U A N I A		R A B I E S C A S E S											1. 4.01 - 30. 6.01			
LOCATION		D O M E S T I C A N I M A L S						W I L D A N I M A L S						HUMAN CASES	TOTAL	
CODE	NAME	DOG	CAT	CATTLE	HORSE	SHEEP GOAT	OTHERS	TOTAL	FOX	BADGER	OTHER MUSTEL	DEER	OTHERS			TOTAL
33	Alytaus	-	-	-	-	-	-	0	5	-	-	-	1	6	6	
36	Birzu	-	1	-	-	-	-	1	-	1	-	-	-	1	2	
41	Vilniaus	-	1	-	-	-	-	1	1	1	-	-	-	2	3	
43	Zarasu	-	-	-	-	-	-	0	-	-	-	-	1	1	1	
45	Ignalinos	-	-	1	-	-	-	1	1	-	-	-	5	6	7	
47	Joniskio	-	-	-	-	-	-	0	-	-	-	-	1	1	1	
51	Marijampoles	-	-	2	-	-	-	2	-	-	-	-	-	0	2	
52	Kauno	1	1	1	-	-	-	3	-	-	-	-	-	0	3	
53	Kedainiai	-	1	-	-	-	-	1	2	-	-	-	2	4	5	
54	Kelmes	-	-	3	-	-	-	3	-	-	-	-	1	1	4	
55	Klaipedos	-	-	-	-	-	-	0	1	-	-	-	2	3	3	
59	Lazdiju	1	-	-	-	-	-	1	6	-	1	-	1	8	9	
62	Moletu	-	-	1	-	-	-	1	-	-	-	-	-	0	1	
65	Pakruojo	-	-	-	-	-	-	0	1	-	1	-	1	3	3	
66	Panevezio	-	1	-	-	-	-	1	4	-	1	-	2	7	8	
67	Pasvalio	-	4	-	-	-	-	4	-	-	-	-	-	0	4	
68	Plunges	-	-	-	-	-	-	0	-	-	1	-	-	1	1	
69	Prienu	-	-	-	-	-	-	0	-	-	-	-	1	1	1	
71	Radviliskio	-	1	-	-	-	-	1	-	-	-	-	-	0	1	
72	Raseiniai	-	-	-	-	-	-	0	1	-	-	-	-	1	1	
73	Rokiskio	3	4	7	-	-	-	14	-	-	-	-	-	0	14	
75	Skuodo	-	-	-	-	-	-	0	2	-	-	-	-	2	2	
77	Taurages	1	-	-	-	-	-	1	2	-	-	-	2	4	5	
78	Telsiu	2	-	1	-	-	-	3	3	-	1	-	2	6	9	
79	Traku	-	-	-	-	-	-	0	1	-	-	-	2	3	3	
81	Ukmerges	-	1	-	-	-	-	1	1	-	-	-	2	3	4	
82	Utenos	-	-	-	-	-	-	0	2	-	-	-	2	4	4	
84	Sakiu	-	2	-	-	-	-	2	1	-	-	-	1	2	4	
86	Svencioniu	-	-	-	-	-	-	0	1	-	-	-	2	3	3	
87	Silales	-	-	1	-	-	-	1	1	-	-	-	2	3	4	
88	Silutes	-	-	1	1	-	-	2	-	1	-	-	2	3	5	
89	Sirvintu	1	-	-	-	-	-	1	3	-	-	-	2	5	6	
91	Siauliu	-	-	-	-	-	-	0	1	-	-	-	-	1	1	
94	Jurbarko	-	-	-	-	-	-	0	-	-	-	-	4	4	4	
TOTAL		9	17	18	1	0	0	45	40	3	5	0	41	89	0	134
PER CENT		6.7	12.7	13.4	0.7	0.0	0.0	33.6	29.9	2.2	3.7	0.0	30.6	66.4	0.0	100.0

ROMANIA		RABIES CASES											1. 4.01 - 30. 6.01			
LOCATION		DOMESTIC ANIMALS						WILD ANIMALS						HUMAN CASES	TOTAL	
CODE	NAME	DOG	CAT	CATTLE	HORSE	SHEEP GOAT	OTHERS	TOTAL	FOX	BADGER	OTHER MUSTEL	DEER	OTHERS			TOTAL
01	ALBA							0	6	-	-	-	-	6		6
03	ARGES	1	1	-	-	8	-	10	2	-	-	-	-	2		12
04	BACAU	-	-	1	-	-	-	1	1	-	-	-	-	1		2
05	BIHOR	2	-	-	-	-	-	2	-	-	-	-	-	0		2
07	BOTOSANI	1	-	-	-	-	-	1	1	-	-	-	-	1		2
08	BRASOV	1	-	-	-	-	-	1	4	-	-	-	1	5		6
09	BRAILA							0	1	-	-	-	-	1		1
10	BUZAU	1	1	-	-	-	-	2	1	-	-	-	-	1		3
11	CARAS-SEVERIN							0	2	-	-	-	-	2		2
12	CALARASI	-	1	-	-	-	-	1	-	-	-	1	-	1		2
13	CLUJ	-	-	-	-	1	-	1	2	-	-	-	-	2		3
15	COVASNA							0	1	-	-	-	-	1		1
17	DOLJ	-	-	1	-	-	-	1	1	-	-	-	-	1		2
19	GIURGIU							0	3	-	-	-	-	3		3
20	GORJ	-	-	-	-	-	2	2						0		2
21	HARGHITA	1	1	2	-	-	-	4	6	-	-	-	-	6		10
22	HUNEDOARA							0	4	-	-	-	-	4		4
24	IASI							0	1	-	-	-	-	1		1
26	MEHEDINTI							0	1	-	-	-	-	1		1
27	MURES	1	1	-	-	-	-	2	15	-	-	-	-	15		17
28	NEAMT	-	-	1	-	-	-	1	4	-	-	-	-	4		5
29	OLT	1	-	-	-	-	-	1						0		1
30	PRAHOVA	-	-	-	-	-	1	1	1	-	-	-	-	1		2
31	SATU-MARE							0	1	-	-	-	-	1		1
32	SALAJ	-	1	-	-	-	-	1	4	-	-	-	-	4		5
36	TIMIS						1	0	-	-	-	-	2	2		2
37	TULCEA	1	-	-	-	-	-	1	1	-	-	-	-	1		2
38	VASLUI	-	-	2	-	-	-	2						0		2
40	VRANCEA	3	1	-	-	-	-	4	5	-	-	-	-	5		9
41	BUCURESTI							0	1	-	-	-	-	1		1
TOTAL		13	7	7	0	9	3	39	69	0	0	1	3	73	0	112
PER CENT		11.6	6.3	6.3	0.0	8.0	2.7	34.8	61.6	0.0	0.0	0.9	2.7	65.2	0.0	100.0

RUS		RUSSIAN FEDERATION						R A B I E S C A S E S						1. 4.01 - 30. 6.01		
LOCATION		D O M E S T I C A N I M A L S						W I L D A N I M A L S						HUMAN CASES	TOTAL	
CODE	NAME	DOG	CAT	CATTLE	HORSE	SHEEP GOAT	OTHERS	TOTAL	FOX	BADGER	OTHER MUSTEL	DEER	OTHERS			TOTAL
08	Pskov Region	3	-	2	-	-	-	5	7	-	-	-	4	11		16
09	Bryansk Region	1	-	1	-	-	-	2	1	-	-	-	-	1	1	4
10	Vladimir Region	1	-	-	-	-	-	1	2	-	-	-	-	2		3
12	Tver Region							0	5	-	-	-	-	5		5
13	Kaluga Region							0	1	-	-	-	-	1		1
15	Moscow Region	1	-	-	-	-	-	1	2	-	-	-	-	2	1	4
16	Oryol Region	4	3	1	-	1	-	9	8	-	-	-	-	8		17
17	Ruazan Region	1	2	2	-	-	-	5	1	-	-	-	-	1		6
18	Smolensk Region	9	2	2	-	-	1	14	21	2	-	-	1	24		38
19	Tula Region	1	-	-	-	-	-	1	8	-	-	-	-	8		9
25	Rep. of Chuvashiya	2	-	-	-	-	-	2						0		2
26	Belgorod Region	3	1	3	-	-	-	7	8	-	-	-	-	8		15
27	Voronezh Region	10	8	9	-	-	-	27	2	-	1	-	2	5		32
28	Kursk Region	14	9	12	1	-	-	36	10	-	-	-	-	10		46
29	Lipetsk Region	-	2	-	-	-	-	2	1	-	-	-	-	1		3
31	Astrakhan Region	2	3	4	-	-	-	9						0		9
32	Volgograd Region	2	-	4	-	-	-	6	1	-	-	-	-	1		7
33	Samara Region	1	-	3	-	-	-	4	4	-	-	-	-	4		8
34	Penza Region	1	1	-	-	-	-	2	5	-	-	-	-	5		7
35	Saratov Region	2	2	-	-	-	-	4	2	-	-	-	1	3		7
36	Ulyanovsk Region	2	-	-	-	-	-	2	1	-	-	-	-	1		3
37	Rep. of Kalmykiya	3	-	-	-	-	-	3						0		3
38	Rep. of Tatarstan	-	1	5	-	-	-	6	5	-	-	-	-	5		11
39	Krasnodar Territory	1	1	1	-	1	-	4	2	-	-	-	-	2		6
40	Stavropol Territory	7	-	15	-	-	-	22	1	-	-	-	-	1		23
41	Rostov Region	5	3	5	-	-	-	13	3	-	-	-	1	4		17
42	Orenburg Region	-	1	2	-	-	-	3						0		3
44	Rep. of Bashkortostan	1	-	6	-	-	-	7	3	-	-	-	-	3		10
46	Kaliningrad Region	1	1	1	-	-	-	3	4	-	-	-	-	4		7
TOTAL		78	40	78	1	2	1	200	108	2	1	0	9	120	2	322
PER CENT		24.2	12.4	24.2	0.3	0.6	0.3	62.1	33.5	0.6	0.3	0.0	2.8	37.3	0.6	100.0

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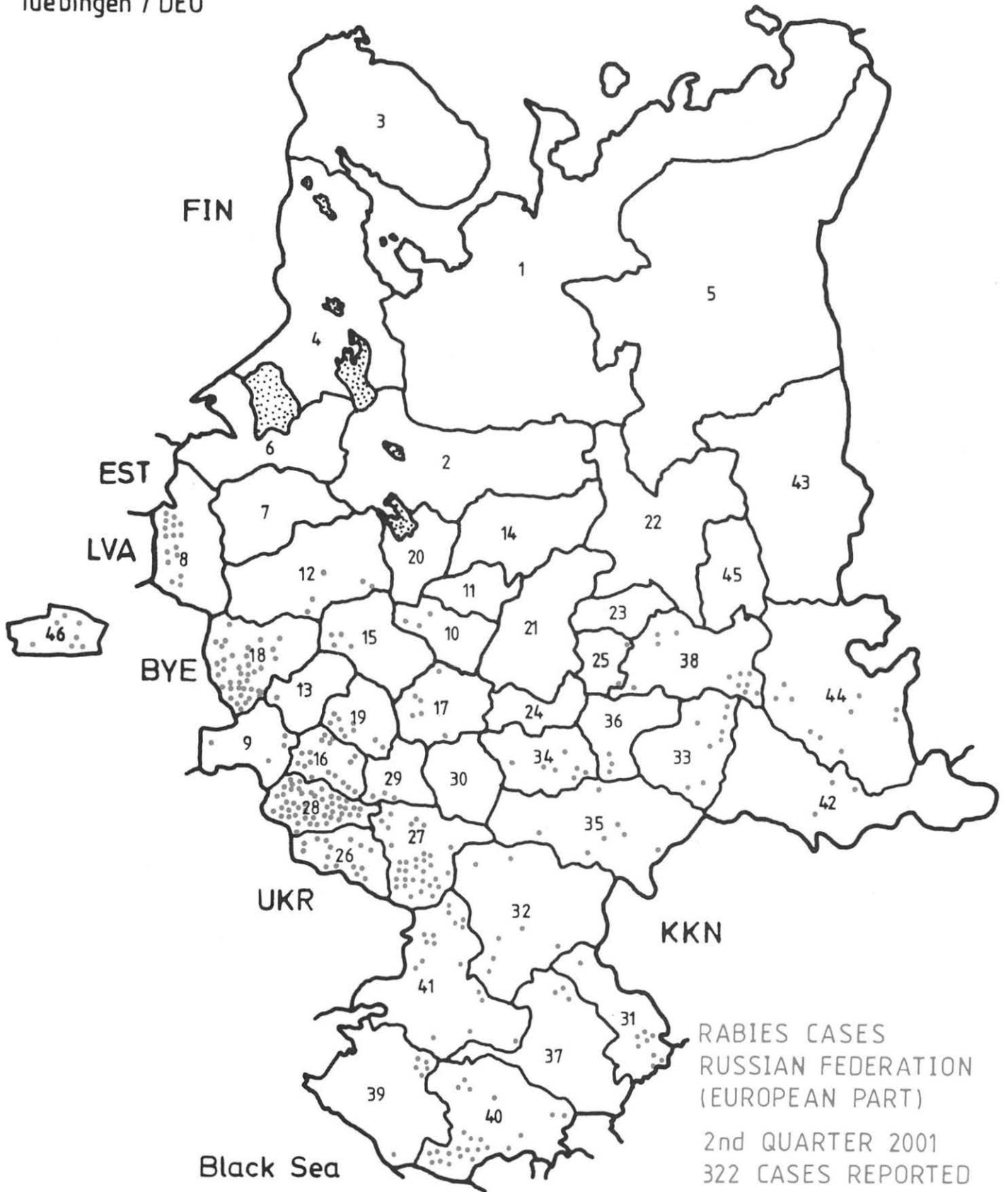
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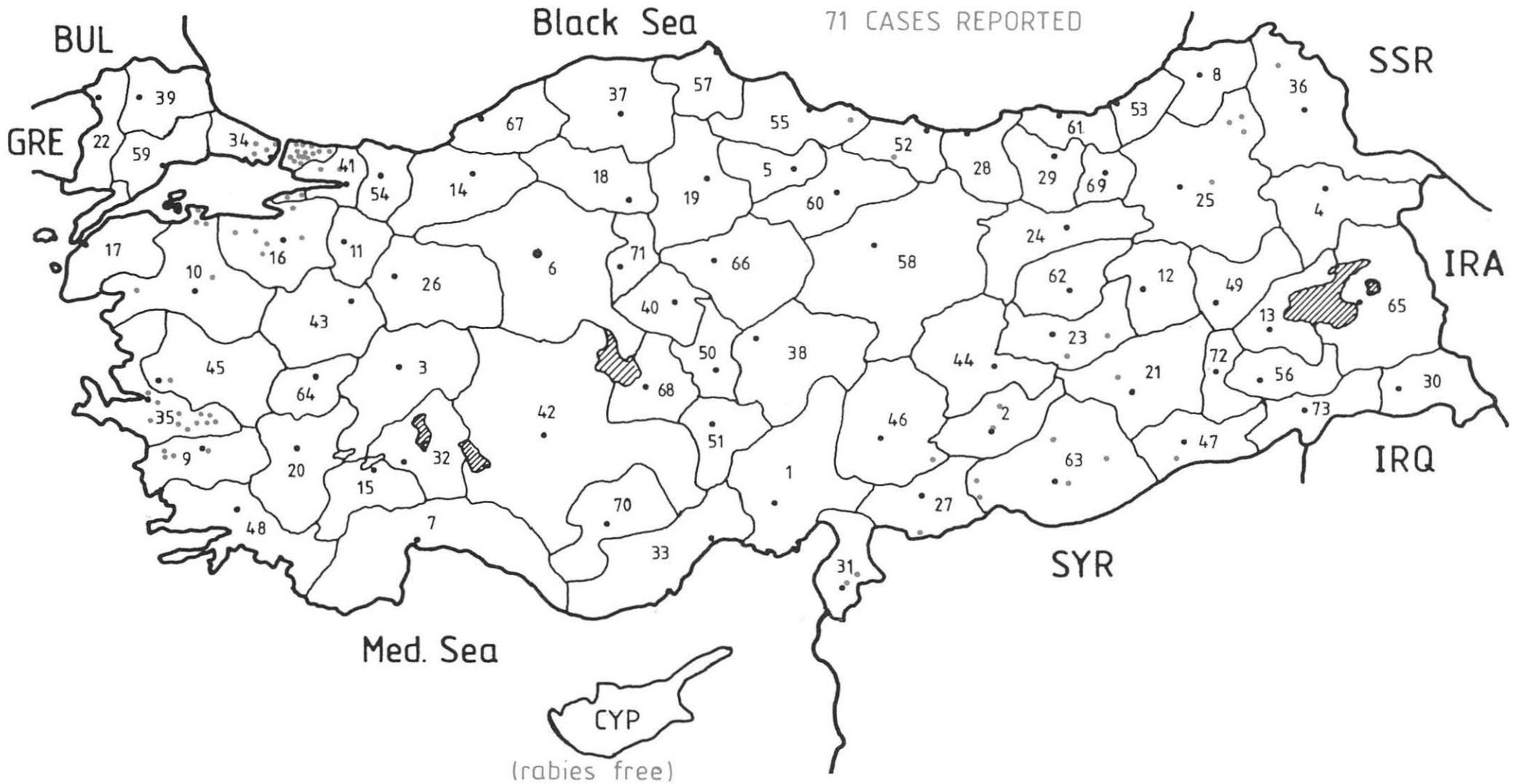
Dr. Dušan Lalošević  
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WHO Coll. Centre  
Tuebingen / DEU

RABIES CASES TURKEY  
2nd QUARTER 2001  
71 CASES REPORTED





WHO Coll. Centre  
Tuebingen / DEU

ICE  
(rabies free)

RABIES CASES EUROPE  
2nd QUARTER 2001  
1853 CASES REPORTED

5 BAT RABIES CASES INCLUDED



(rabies free) = NO INDIGENOUS CASE REPORTED FOR AT LEAST TWO YEARS

0 50 100 km