

# RABIES BULLETIN EUROPE

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## Contents

	Page
<b>1. Introduction</b>	3
<b>2. Summary of Rabies in Europe</b>	3-4
<b>3. Rabies in Individual Countries</b>	4-8
<b>4. Miscellaneous Article</b>	
4.1 Global timely access to country related data on rabies diagnosis, prevention and control	9-11
<b>5. Rabies Case Data Europe</b>	
5.1 Table 5.1: 1. Quarter 1998	12
5.2 Table 5.2: Other Animal Species, 1. Quarter 1998	13
5.3 Tables: Individual Countries, 1. Quarter 1998	14-23
<b>6. List of Contributors</b>	24
<b>7. Annexes</b>	
Map of Rabies Cases in Russia, 1. Quarter 1998	Annex 1
Map of Rabies Cases in Turkey, 1. Quarter 1998	Annex 2
Map of Rabies Cases in Europe, 1. Quarter 1998	Annex 3

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## 1. INTRODUCTION

This BULLETIN describes the **reported rabies cases in Europe** for the **First Quarter 1998**, subsequently referred to as "**This Quarter**".

In SECTION 2 a **summary of the rabies situation** in general is given.

SECTION 3 (3.1-3.38) reflects the **situation for individual countries**. Unfortunately, not all countries report re-

gularly yet. However, their contribution is expected.

In the **Miscellaneous SECTION (4)** under 4.1 an article is presented on a new global rabies surveillance system called **RABNET** to be established in the internet.

The **rabies case data** are tabulated for the **First Quarter 1998** 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 **First Quarter 1998** is shown on maps of the Russian Federation, Turkey and Europe in the ANNEX.

## 2. SUMMARY OF RABIES IN EUROPE

During "**This Quarter**", **1711 rabies cases** were reported in Europe. Of these 1196 were in wild animals and 515 in domestic animals.

Of the **1196 cases in wild animals**, 1083 were foxes, 37 raccoon dogs, 1 jackal, 1 lynx, 5 badgers, 5 stone martens, 7 pine martens, 2 polecats, 6 raccoons, 6 roe deer, 1 other cervidae, 1 wild boar, 3 bats, 34 other wild animals and, and 4 unspecified animals. Of the **515 domestic animals**, 221 were dogs, 124 cats, 9 horses, 112 bovines, 47 sheep, and 2 other domesticated animals.

There were **no human cases** reported "**This Quarter**".

The above data are presented in TABLES 5.1 and 5.2 of SECTION 5 and in the TABLES of the individual

countries.

For the countries with **fox-mediated rabies** there is usually an increase of rabies cases expected during the first quarter of a year when compared to the last quarter of the previous year; the reason being the increased contact rate in the mating season of the fox. However, this pattern is interfered with due to oral vaccination. Therefore, "**This Quarter**" is a mixture of countries following the above pattern, practicing oral vaccination successfully or experiencing set-backs.

Generally, the tendency continues: the western countries practicing oral vaccination longest have the most improved rabies situation. Overall, there was an increase of cases in

Europe by 289 compared to the previous quarter and an increase by 128 cases compared to the first quarter 1997.

Turkey, the only country in Europe following the pattern of **dog-mediated rabies** and not showing obvious seasonality recorded 34 cases during "**This Quarter**" compared to 33 in the previous one.

There was 1 **bat rabies case** each in Denmark, France and the Netherlands. Because of the distinct epidemiological features of the disease, the cases are marked in a different colour in the map of the ANNEX.

**Rabies-free countries** in Europe were: Albania, Finland, Greece, Iceland, Ireland, Italy, Norway, Portugal, the mainland and islands of Spain, Sweden and Macedonia.

There were **no cases** in Belgium, Luxembourg, Switzerland and the United Kingdom of Britain and Northern

Ireland, but 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.

### 3. RABIES IN INDIVIDUAL COUNTRIES

#### 3.1 Albania ALB

by K. Berxholi

The country remained rabies-free.

#### 3.2 Austria AUT

by Helmut Schnabl

Of 5554 animal samples examined for rabies "*This Quarter*", 1 case was diagnosed positive.

The case occurred in the Federal Province Burgenland (Bezirk Eisenstadt-Umgebung) in the east of the country in a fox.

#### 3.3 Belgium BEL

by L. Hallet

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

#### 3.4 Bosnia and Herzegovina BIH

No data.

#### 3.5 Bulgaria BUL

by L. Lavchev

During "*This Quarter*", four cases of rabies were reported from Bulgaria, 3 in the province of Vratza and 1 in the province of Pleven, all in the north of the country. There were no details in regard to animal species involved.

#### 3.6 Belarus BYE

by S.N. Shpilevsky

During "*This Quarter*", 27 rabies cases were reported from Belarus, 11 cases in domestic animals (9 dogs, 1 bovine, 1 horse) and 16 in wild animals not specified.

Out of a total of 6 administrative regions of the country 5 were affected with 16 districts.

#### 3.7 Croatia CRO

by Sanja Šeparović

During "*This Quarter*", 147 cases of rabies were diagnosed in 49 municipalities

of Croatia, 27 cases less than during the same quarter of 1997 and 20 cases more than in the previous quarter. Of the total 136 cases were in foxes (92.5%), 4 in other wild animals (1 jackal, 1 wild boar, 2 martens) and 7 in domestic animals (4 cats, 2 dogs, 1 sheep).

#### 3.8 Czech Republic CZH

by Oldrich Matouch

A total of 29 cases of rabies was reported during "*This Quarter*", 88 less than in the first quarter 1997. It is the lowest figure for a first quarter since the beginning of oral vaccination in 1989.

The cases were diagnosed in 27 foxes, 1 cat and 1 dog.

Ten districts were affected by the disease. Rabies cases were most frequent in the region of North Bohemia (11) and Central Bohemia (7).

#### 3.9 Denmark DEN

by Eric Stougaard

There was one bat rabies

case reported in Denmark during "*This Quarter*", at Køge, at a coastal area south-west of the capital København.

---

**3.10 Germany, DEU  
Federal Republic**

---

by Winfried W. Müller  
and Hartmut Schlüter

A total of 33 rabies cases in animals was reported during "*This Quarter*", 8 cases more than during the previous quarter and 1 case less than during the first quarter 1997.

There are only 3 active foci left in Germany. They are in the Bundesländer (federal states) Nordrhein-Westfalen, Hessen and Saarland. The 1 case in Bayern can be seen in connection with the Hessen focus.

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**3.11 Estonia EST**

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by Matti Nautras

During "*This Quarter*", 40 animal rabies cases were registered in Estonia, 7 cases more than during the previous quarter and 14 cases more than during the first quarter 1997.

---

**3.12 Finland FIN**

---

by Riitta Heinonen

The country remained rabies-free.

**Surveillance:**

A total of 214 animals were examined for rabies during "*This Quarter*" by

immunofluorescence test on brain tissue, all with negative results: 82 arctic foxes, 58 raccoon dogs, 5 lynx, 1 badger, 16 farmed pine martens, 2 polecats, 40 other wild carnivores, 7 cats, 1 dog, 2 bovines.

---

**3.13 France FRA**

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by Michel F.A. Aubert

There were 2 rabies cases reported in France during "*This Quarter*": 1 fox near the border with Germany in the département Moselle and 1 bat in the very north-west of the country in the département Finistère.

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**3.14 Federal Republic of Yugoslavia FRY**

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by Milijana Simić

35 rabies cases in animals (27 foxes, 1 other wild animal, 3 dogs, 4 cats) were registered during "*This Quarter*" in the Federal Republic of Yugoslavia. Most of the cases were located in the northern part of the country.

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**3.15 Greece GRE**

---

The country remained rabies-free.

---

**3.16 Hungary HUN**

---

by Bálint Kerekes

During "*This Quarter*",

210 rabies cases in animals were registered, 36 cases more than in the previous quarter and 34 cases more than in the first quarter 1997.

Cases are reduced in the western half of the country where oral vaccination of foxes is practiced.

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**3.17 Iceland ICE**

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The country remained rabies-free.

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**3.18 Ireland IRE**

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The country remained rabies-free.

---

**3.19 Italy ITA**

---

by Santino Proserpi

The country remained rabies-free.

Oral vaccination of foxes will be carried out during spring in the provinces of Trieste, Gorizia and Udine bordering Slovenia.

---

**3.20 Lithuania LTU**

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by K. Lukauskas and A. Dranseika

During "*This Quarter*", the rabies cases in Lithuania increased by 20 compared to the 1st quarter 1997 and decreased by 47 compared to the previous quarter. There were 39 cases, 21 in wild animals (12 foxes, 8 raccoon

dogs and 1 badger) and 18 in domestic animals (9 bovines, 3 dogs and 6 cats). The most affected districts were Kelmė, Šilutė, Širvintos, Tauragė and Ukmergė.

During "*This Quarter*", more than 127,000 dogs and 12,000 cats were vaccinated against rabies.

There were no human rabies cases reported in the country during "*This Quarter*".

---

### 3.21 Luxembourg LUX

by Joseph Kremer

During "*This Quarter*", there was no rabies case reported in the Grand Duchy of Luxembourg.

From 23 - 27 March 1998 an oral vaccination campaign of foxes against rabies was carried out covering the entire country. 44,000 vaccine baits were distributed by helicopter. In May further vaccine baits are going to be placed near fox dens.

Surveillance: 8 foxes, 3 roe deer and 2 wild boars were investigated for rabies with negative results.

---

### 3.22 Latvia LVA

by J. Rimeicāns and Z. Andersons

28 rabies cases were registered during "*This Quarter*" in 13 districts. 22 cases were diagnosed in wild animals (78.6% of total). Of the cases in wild animals 10 were

foxes, 10 raccoon dogs and 2 badgers. Of 6 rabid domestic animals 4 were dogs and 2 cats. The most affected district was Valmiera with 8 cases.

---

### 3.23 Moldova MLD

by V. Bahau, V. Orlov and L. Tertiak

Out of 29 samples examined for rabies during "*This Quarter*" (16 wild animals, 1 musk, 3 cats, 8 dogs, 1 bovine) from 14 regions of Moldova 12 animals were diagnosed rabid: Drochia (1 fox, 1 dog), Orhei (2 foxes), Riscani (1 dog), Telenesti (4 foxes), Criuleni (1 fox), Glodeni (2 foxes).

Authorities plan to carry out rabies control by means of oral vaccination of foxes. However, it has not yet been possible to secure financial sources.

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### 3.24 Netherlands NET

by G. Visser

During "*This Quarter*", there was 1 bat rabies case diagnosed in a *Rousettus aegyptiacus* at the Blijdorp zoo in Rotterdam.

Because of a previous diagnoses of rabies in the Blijdorp zoo in a bat colony of *Rousettus aegyptiacus*, animals had been destroyed. To establish a new colony, animals were introduced from zoos in Antwerpen (Belgium) and Switzerland in January 1998.

Of these new arrivals, 8 animals were investigated for rabies and 1 bat from Antwerpen was determined positive. The new colony was again destroyed. The authorities of the countries from where bats had been received which developed rabies were informed.

Furthermore 2 foxes, 1 dog, 1 cat and 7 wild bats were examined for rabies during "*This Quarter*", but revealed negative results.

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### 3.25 Norway NOR

by Gudbrand Bakken

The country remained rabies-free.

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### 3.26 Poland POL

by Henryk Maciolek

During "*This Quarter*", 380 rabies cases in animals were registered, 47 cases more than in the previous quarter and 135 cases less than in the first quarter 1997.

Cases are reduced in the western half of the country where oral vaccination of foxes is practiced.

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### 3.27 Portugal POR

The country remained rabies-free.



**3.28 Romania ROM**

by Nicolai Popărlan

During "*This Quarter*", 23 rabies cases were registered in Romania in 3 foxes, 1 dog, 1 cat and 18 sheep. While the sheep cases occurred in one place, the other 5 cases were scattered throughout the country.

**3.29 Russia RUS  
(European part only)**

by V.A. Vedernikov, V.A. Sedov,  
P.N. Pitalev, V.E. Semljanova,  
A.N. Guljukin,  
B.L. Cherkasskiy, V.V. Seliverstov,  
V.F. Pilinin, and S.A. Kolomizev

568 rabies cases in animals were reported during "*This Quarter*" in the European part of the Russian Federation.

Of the total number of cases 313 were in domestic animals - 132 dogs, 64 cats, 82 bovines, 6 horses, 27 sheep, 1 camel and 1 pig. Of 255 wild animals rabies was diagnosed in 237 foxes, 9 raccoon dogs, 4 wolves, 1 badger, 1 pine marten, 2 ferrets, 1 nutria (*Myocastor coypus*).

Most affected by the disease were the Kursk Region with 65 cases, Orenburg Region with 49 cases, Moscow Region with 44 cases, Bashkortostan with 42 cases and Kaluga Region with 40 cases.

**3.30 Spain SPA**

by Carlos Abellán García

During "*This Quarter*", the mainland and islands of Spain remained rabies-free.

There were 3 cases in dogs, 1 in Melilla and 2 in Ceuta in the Spanish territory of North Africa.

**3.31 Slovak Republic SVK**

by Jozef Sokol and Bohuslav Lovas

During "*This Quarter*", there were 87 rabies cases in animals in the Slovak Republic. Of these 80 (92% of total) were in wild animals (80 foxes) and 7 (8% of total) in domestic animals (4 dogs, 3 cats). The most affected region was Presovsky kraj with 20 cases.

An oral vaccination campaign of foxes against rabies was carried out in March 1998, on the territory of 7 districts of the Bratislava Region. 12,000 KAMARK vaccine baits were distributed by hand.

**3.32 Slovenia SVN**

by Zoran Kovač

A total of 7 rabies cases was reported during "*This Quarter*" from Slovenia, all in foxes. 6 cases occurred in the center of the country, 1 in the south.

**3.33 Sweden SWE**

The country remained rabies-free.

**3.34 Switzerland SWI**

by Urs Breitenmoser

During "*This Quarter*", no rabies case was diagnosed in Switzerland. A total of 298 animals (255 foxes) were examined. There was one dog rabies case imported from Morocco in the previous quarter and no case in the first quarter of 1997.

The potential area of rabies in Switzerland is situated in the north-west of the country, from the cantons of Jura and Bern in the west to the Canton of Aargau in the north. As the last detected rabies case in wildlife dates back from September 1996, there will be only one more oral vaccination campaign in Switzerland. In May 1998, an area of some 1400 km<sup>2</sup> will be vaccinated in the north of the country. The surveillance of the red fox population and the diagnoses of every suspicious animal will continue.

2 bats (1 *Pipistrellus pipistrellus*, 1 *Vespertilio murinus*) were examined in this quarter, both were found to be negative for rabies.

A quarterly report of the Swiss Rabies Centre at the University of Bern is also available on the Internet <http://ubeclu.unibe.ch/ivv/index.html> in English, German, and French.

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**3.35 Turkey TUR**

by Celal Özcan

During "*This Quarter*", 34 rabies cases were reported in Turkey in domestic animals

only - 31 dogs, 2 bovines and 1 horse. The majority of cases occurred in the western half of the country.

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**3.36 Macedonia TYM**

The country remained rabies-free.

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**3.37 Ukraine UKR**

No data.

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**3.38 United Kingdom UNK**

by W.J. Pollitt

The country remained rabies-free in terrestrial mammals.

No cases of European Bat Lyssavirus have been reported during "*This Quarter*".





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## 4. MISCELLANEOUS ARTICLE

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### 4.1 Global timely access to country related data on rabies diagnosis, prevention and control

by Klaus Stöhr and Francois Meslin  
Zoonotic Disease Unit, Division for Emerging and other Communicable Diseases  
Surveillance and Control, World Health Organization, CH-1211 Geneva, Switzerland

#### World Survey of Rabies

The **World Survey of Rabies**, published annually by WHO, was the only comprehensive source of global data on rabies presence, prevalence, treatment in humans, diagnosis and control. It is based on data provided to WHO through an annual questionnaire sent to more than 350 individual national reference laboratories and other authorities in more than 200 countries and territories. On the average, one hundred to 125 countries replied to WHO often with more than 18 months delay. Other sources of information were being increasingly utilised by WHO in order to improve topicality and geographical coverage of the **World Survey of Rabies**.

The **WHO World Survey of Rabies** is certainly a highly demanded reference source for retrospective data on rabies prevalence and control in humans and animals. However, it lacks the topicality often required for decisions on e.g., the continuation or commencement of rabies treatment in patients exposed to rabies suspected animals in other countries.

The **World Survey of Rabies** is only partially useful in answering questions such as:

- Does rabies currently exist in a certain country and is there a surveillance system?
- What are the animal rabies reservoirs in this country?
- Which vaccines and immunoglobulines are available and applied according to what schedule?
- To whom could I ask those questions in a certain country? To whom could I talk/fax/e-mail to discuss the case of a certain patient?

WHO has now provided a solution to this problem with the development of an WWW-powered data base called **RABNET**.

## RABNET

**RABNET** is a data bank which contains all data submitted to WHO through the Questionnaire for the WHO World Survey of Rabies between 1988 and 1996. This databank is accessible via the WorldWideWeb at <http://oms.b3e.jussieu.fr/rabnetS/> (Fig. 1).



**World Health Organization**  
**Division for Emerging and other Communicable Diseases Surveillance and Control**  
**Zoonotic Disease Unit**



**Figure 1:** Access to the WWW at <http://oms.b3e.jussieu.fr/rabnetS/> will show the above home-page.

The **RABNET** data bank offers two major advantages:

- easy, worldwide access to retrospective data on rabies diagnosis, surveillance and control in humans and animals from many countries and all continents in the world;
- possible online update of country related data on rabies to improve topicality of data.

- **RABNET** will provide **up-to-date data** on the epidemiological situation of rabies in a given country which will be readily accessible through the WWW.
- **RABNET** has a **powerful data view/analyses section** which can be customized through the WWW to users needs. This tool offers a multitude of possibilities (maps, charts, tables, text) for all **WWW users to access and use country related data on rabies** prevalence in humans and animals, diagnosis, treatment and vaccine production.
- In addition, **RABNET** provides access to retrospective data collected by WHO since 1988. Data already stored in the **RABNET** databank **are fully available for analyses and amendment**, if necessary.
- Country data can be **updated online and immediately** using an entry form similar to the WHO Questionnaire for the World Survey of Rabies. Thus, any delay in responding to the Questionnaire by one country will not affect the topicality of information provided by others as this is currently the case with the WHO World Survey of Rabies.
- **RABNET** will, in the long term, supersede the Questionnaire for the World Survey of Rabies as **data can now be entered by any laboratory** with WWW access directly in the **WHO RABNET** databank.
- **RABNET ensures data security.** Passwords, given to only one country focal point offer access to the data entry section for this country only.

Currently, 16 national rabies reference laboratories are participating in the pilot phase of **RABNET**. They have received their password and have begun entering their national data into the **RABNET** data bank.

**!! Countries without access to the WWW can continue processing their data in the hardcopy of the WHO Questionnaire for the World Survey of Rabies.**

**Questions or comments?**  
**Are you a national rabies focal point and would like to participate in RABNET?**  
  
**Please E-mail to: [rabnet@who.ch](mailto:rabnet@who.ch) or fax to:  
+41 22 791 4893.**

TABLE 5.1

EUR		EUROPE		1/98		RABIES CASES							1. 1.98 - 31. 3.98		
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 *							0						0	0
AUT	AUSTRIA							0	1	-	-	-	-	1	1
BEL	BELGIUM *							0						0	0
BIH	BOSNA I HERCEGOW **							0						0	0
BUL	BULGARIA							0	-	-	-	-	4	4	4
BYE	BELARUS	9	1	-	1	-	-	11	-	-	-	-	16	16	27
CRO	CROATIA	2	4	-	-	1	-	7	136	-	2	-	2	140	147
CZH	CZECH REPUBLIC	1	1	-	-	-	-	2	27	-	-	-	-	27	29
DEN	DENMARK							0	-	-	-	-	1	1	1
DEU	FED.REP.OF GERMANY	1	-	-	-	-	-	1	29	-	2	1	-	32	33
EST	ESTONIA	8	5	-	-	-	-	13	16	-	1	1	9	27	40
FIN	FINLAND *							0						0	0
FRA	FRANCE							0	1	-	-	-	1	2	2
FRY	FED.REP.OF YUGOSLA	3	4	-	-	-	-	7	27	-	-	-	1	28	35
GRE	GREECE *							0						0	0
HUN	HUNGARY	7	18	8	1	1	-	35	172	-	1	2	-	175	210
ICE	ICELAND *							0						0	0
IRE	IRELAND **							0						0	0
ITA	ITALY *							0						0	0
LTU	LITHUANIA	3	6	9	-	-	-	18	12	1	-	-	8	21	39
LUX	LUXEMBOURG *							0						0	0
LVA	LATVIA	4	2	-	-	-	-	6	10	2	-	-	10	22	28
MLD	MOLDOVA	2	-	-	-	-	-	2	10	-	-	-	-	10	12
NET	NETHERLANDS							0	-	-	-	-	1	1	1
NOR	NORWAY *							0						0	0
POL	POLAND	10	15	11	-	-	-	36	315	1	8	3	17	344	380
POR	PORTUGAL *							0						0	0
ROM	ROMANIA	1	1	-	-	18	-	20	3	-	-	-	-	3	23
RUS	RUSSIAN FEDERATION	132	64	82	6	27	2	313	237	1	-	-	17	255	568
SPA	SPAIN 1)	3	-	-	-	-	-	3						0	3
SVK	SLOVAK REPUBLIC	4	3	-	-	-	-	7	80	-	-	-	-	80	87
SVN	SLOVENIA							0	7	-	-	-	-	7	7
SWE	SWEDEN *							0						0	0
SWI	SWITZERLAND + LIEC*							0						0	0
TUR	TURKEY	31	-	2	1	-	-	34						0	34
TYM	MAKEDONIJA *							0						0	0
UKR	UKRAINE **							0						0	0
UNK	UNITED KINGDOM *							0						0	0
TOTAL		221	124	112	9	47	2	515	1083	5	14	7	87	1196	1711
PER CENT		12.9	7.2	6.5	0.5	2.7	0.1	30.1	63.3	0.3	0.8	0.4	5.1	69.9	100.0

\* NO CASES \*\* NO DATA 1) NORTH AFRICA

TABLE 5.2

EUR		EUROPE		1/98		RABIES CASES 'OTHER ANIMAL SPECIES'				1. 1.98 - 31. 3.98	
LOCATION		OTHER DOM. ANI.	OTHER WILD ANIMALS						UNSPECI- FIED	TOTAL	
CODE	NAME	OTHERS	JACKAL	RACoon DOG	LYNX	RACoon	WILD BOAR	INSECTIV. BAT			OTHERS
BUL	BULGARIA	-	-	-	-	-	-	-	-	4	4
BYE	BELARUS	-	-	-	-	-	-	-	16	-	16
CRO	CROATIA	-	1	-	-	-	1	-	-	-	2
DEN	DENMARK	-	-	-	-	-	-	1	-	-	1
EST	ESTONIA	-	-	2	1	6	-	-	-	-	9
FRA	FRANCE	-	-	-	-	-	-	1	-	-	1
FRY	FED. REP. OF YUGOSLA	-	-	-	-	-	-	-	1	-	1
LTU	LITHUANIA	-	-	8	-	-	-	-	-	-	8
LVA	LATVIA	-	-	10	-	-	-	-	-	-	10
NET	NETHERLANDS	-	-	-	-	-	-	1	-	-	1
POL	POLAND	-	-	17	-	-	-	-	-	-	17
RUS	RUSSIAN FEDERATION	2	-	-	-	-	-	-	17	-	19
TOTAL		2	1	37	1	6	1	3	34	4	89
PER CENT		2.2	1.1	41.6	1.1	6.7	1.1	3.4	38.2	4.5	100.0

1st Quarter: January - March 1998

page 13

R A B I E S   C A S E S															1. 1.98 - 31. 3.98	
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>AUT      A U S T R I A</b>																
103	EISENSTADT - LAND							0	1	-	-	-	-	1		1
<b>CZH      C Z E C H   R E P U B L I C</b>																
01	Central Bohemia							0	7	-	-	-	-	7		7
02	South Bohemia	-	1	-	-	-	-	1	3	-	-	-	-	3		4
04	North Bohemia							0	11	-	-	-	-	11		11
06	South Moravia	1	-	-	-	-	-	1	6	-	-	-	-	6		7
TOTAL		1	1	0	0	0	0	2	27	0	0	0	0	27	0	29
PER CENT		3.4	3.4	0.0	0.0	0.0	0.0	6.9	93.1	0.0	0.0	0.0	0.0	93.1	0.0	100.0
<b>SVK      S L O V A K   R E P U B L I C</b>																
1	Bratislavsky kraj							0	17	-	-	-	-	17		17
2	Trnavsky kraj							0	1	-	-	-	-	1		1
3	Trenciansky kraj							0	5	-	-	-	-	5		5
4	Nitriansky kraj	1	1	-	-	-	-	2	6	-	-	-	-	6		8
5	Zilinsky kraj							0	7	-	-	-	-	7		7
6	Banskobystricky kraj							0	16	-	-	-	-	16		16
7	Presovsky kraj	1	1	-	-	-	-	2	18	-	-	-	-	18		20
8	Kosicky kraj	2	1	-	-	-	-	3	10	-	-	-	-	10		13
TOTAL		4	3	0	0	0	0	7	80	0	0	0	0	80	0	87
PER CENT		4.6	3.4	0.0	0.0	0.0	0.0	8.0	92.0	0.0	0.0	0.0	0.0	92.0	0.0	100.0
<b>SVN      S L O V E N I A</b>																
023	DOMZALE							0	5	-	-	-	-	5		5
038	ILIRSKA BISTRICA							0	1	-	-	-	-	1		1
043	KAMNIK							0	1	-	-	-	-	1		1
TOTAL		0	0	0	0	0	0	0	7	0	0	0	0	7	0	7



R A B I E S   C A S E S																1. 1.98 - 31. 3.98	
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	TOTAL		
CODE	NAME	DOG	CAT	CATTLE	HORSE	SHEEP GOAT	OTHERS	TOTAL	FOX	BADGER	OTHER MUSTEL	DEER	OTHERS	TOTAL	CASES		
<b>DEN     D E N M A R K</b>																	
025	ROSKILDE							0	-	-	-	-	1	1		1	
<b>DEU     F E D E R A L   R E P U B L I C   O F   G E R M A N Y</b>																	
05	Nordrhein-Westfalen	1	-	-	-	-	-	1	15	-	2	-	-	17		18	
06	Hessen							0	6	-	-	-	-	6		6	
09	Bayern							0	1	-	-	-	-	1		1	
10	Saarland							0	7	-	-	1	-	8		8	
TOTAL		1	0	0	0	0	0	1	29	0	2	1	0	32	0	33	
PER CENT		3.0	0.0	0.0	0.0	0.0	0.0	3.0	87.9	0.0	6.1	3.0	0.0	97.0	0.0	100.0	
<b>FRA     F R A N C E</b>																	
29	FINISTERE							0	-	-	-	-	1	1		1	
57	MOSELLE							0	1	-	-	-	-	1		1	
TOTAL		0	0	0	0	0	0	0	1	0	0	0	1	2	0	2	
<b>NET     N E T H E R L A N D S</b>																	
10	ZUID-HOLLAND							0	-	-	-	-	1	1		1	
<b>SPA     S P A I N</b>																	
51	CEUTA (NORTH AFRICA)	2	-	-	-	-	-	2						0		2	
52	MELILLA (NORTH AFRICA)	1	-	-	-	-	-	1						0		1	
TOTAL		3	0	0	0	0	0	3	0	0	0	0	0	0	0	3	

1st Quarter: January - March 1998

page 15

R A B I E S   C A S E S															1. 1.98 - 31. 3.98	
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>FRY      FEDERAL REPUBLIC OF YUGOSLAVIA</b>																
01	Beograd	-	1	-	-	-	-	1	1	-	-	-	-	1		2
02	Pancevo	-	-	-	-	-	-	0	2	-	-	-	-	2		2
03	Novi Sad	-	1	-	-	-	-	1	4	-	-	-	-	4		5
04	Zrenjanin	-	-	-	-	-	-	0	1	-	-	-	-	1		1
05	Subotica	-	-	-	-	-	-	0	1	-	-	-	-	1		1
06	Sombor	-	1	-	-	-	-	1	2	-	-	-	-	2		3
07	Sabac	-	-	-	-	-	-	0	1	-	-	-	-	1		1
08	Pozarevac	1	1	-	-	-	-	2	6	-	-	-	-	6		8
09	Jagodina	-	-	-	-	-	-	0	6	-	-	-	-	6		6
10	Zajecar	-	-	-	-	-	-	0	2	-	-	-	-	2		2
11	Kraljevo	2	-	-	-	-	-	2	1	-	-	-	1	2		4
<b>TOTAL</b>		<b>3</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>27</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>28</b>	<b>0</b>	<b>35</b>
<b>PER CENT</b>		<b>8.6</b>	<b>11.4</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>20.0</b>	<b>77.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.9</b>	<b>80.0</b>	<b>0.0</b>	<b>100.0</b>
<b>HUN      H U N G A R Y</b>																
01	Budapest	-	-	-	-	-	-	0	1	-	-	-	-	1		1
02	Baranya	-	2	-	-	-	-	2	6	-	-	-	-	6		8
03	Bacs-Kiskun	1	3	1	-	-	-	5	14	-	-	-	-	14		19
04	Bekes	1	1	1	-	-	-	3	14	-	-	-	-	14		17
05	Borsod-Abauj-Zemlen	1	3	-	-	-	-	4	15	-	-	1	-	16		20
06	Csongrad	-	3	1	-	1	-	5	27	-	-	-	-	27		32
07	Fejer	-	-	-	-	-	-	0	1	-	-	-	-	1		1
08	Gyoeer-Sopron	-	1	-	-	-	-	1	2	-	-	-	-	2		3
09	Hajdu-Bihar	1	-	1	-	-	-	2	8	-	-	-	-	8		10
10	Heves	-	-	-	-	-	-	0	7	-	-	-	-	7		7
11	Komarom	-	-	-	-	-	-	0	1	-	-	-	-	1		1
12	Nograd	-	-	2	-	-	-	2	14	-	-	-	-	14		16
13	Pest	2	-	-	-	-	-	2	22	-	1	-	-	23		25
14	Somogy	1	2	-	-	-	-	3	2	-	-	-	-	2		5
15	Szabolcs-Szat	-	-	1	-	-	-	1	14	-	-	-	-	14		15
16	Szolnok	-	3	1	1	-	-	5	20	-	-	1	-	21		26
17	Tolna	-	-	-	-	-	-	0	3	-	-	-	-	3		3
19	Veszprem	-	-	-	-	-	-	0	1	-	-	-	-	1		1
<b>TOTAL</b>		<b>7</b>	<b>18</b>	<b>8</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>35</b>	<b>172</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>175</b>	<b>0</b>	<b>210</b>
<b>PER CENT</b>		<b>3.3</b>	<b>8.6</b>	<b>3.8</b>	<b>0.5</b>	<b>0.5</b>	<b>0.0</b>	<b>16.7</b>	<b>81.9</b>	<b>0.0</b>	<b>0.5</b>	<b>1.0</b>	<b>0.0</b>	<b>83.3</b>	<b>0.0</b>	<b>100.0</b>

RABIES CASES															1. 1.98 - 31. 3.98	
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
<b>BYE BELARUS</b>																
02	Vitebsk Region	4	-	-	-	-	-	4	-	-	-	-	5	5		9
03	Gomel Region	3	-	-	-	-	-	3	-	-	-	-	1	1		4
04	Grodno Region	2	-	-	-	-	-	2	-	-	-	-	1	1		3
05	Minsk Region	-	-	-	1	-	-	1	-	-	-	-	9	9		10
06	Mogilev Region	-	1	-	-	-	-	1	-	-	-	-	0	0		1
<b>TOTAL</b>		<b>9</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>16</b>	<b>16</b>	<b>0</b>	<b>27</b>
<b>PER CENT</b>		<b>33.3</b>	<b>3.7</b>	<b>0.0</b>	<b>3.7</b>	<b>0.0</b>	<b>0.0</b>	<b>40.7</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>59.3</b>	<b>59.3</b>	<b>0.0</b>	<b>100.0</b>
<b>LTU LITHUANIA</b>																
36	Birzu							0	1	-	-	-	1	2		2
43	Zarasu							0	-	-	-	-	1	1		1
47	Joniskio	1	-	1	-	-	-	2	-	-	-	-	0	0		2
49	Kaunadoniu							0	-	-	-	-	1	1		1
52	Kauno	-	1	-	-	-	-	1	-	-	-	-	0	0		1
54	Kelmes	-	-	2	-	-	-	2	1	-	-	-	1	2		4
55	Klaipedos							0	-	-	-	-	1	1		1
62	Moletu	-	-	1	-	-	-	1					0	0		1
65	Pakruojo	-	1	-	-	-	-	1					0	0		1
66	Panevezio	-	1	-	-	-	-	1					0	0		1
71	Radviliskio	-	-	1	-	-	-	1					0	0		1
73	Rokiškio							0	1	-	-	-	-	1		1
77	Taurages	1	2	1	-	-	-	4	1	1	-	-	-	2		6
78	Telsiu							0	1	-	-	-	-	1		1
81	Ukmerges	-	-	1	-	-	-	1	2	-	-	-	1	3		4
82	Utenos							0	1	-	-	-	1	2		2
87	Silales	-	-	1	-	-	-	1	1	-	-	-	-	1		2
88	Silutes	-	1	1	-	-	-	2	1	-	-	-	-	1		3
89	Sirvintu	1	-	-	-	-	-	1	2	-	-	-	1	3		4
<b>TOTAL</b>		<b>3</b>	<b>6</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>18</b>	<b>12</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>21</b>	<b>0</b>	<b>39</b>
<b>PER CENT</b>		<b>7.7</b>	<b>15.4</b>	<b>23.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>46.2</b>	<b>30.8</b>	<b>2.6</b>	<b>0.0</b>	<b>0.0</b>	<b>20.5</b>	<b>53.8</b>	<b>0.0</b>	<b>100.0</b>

CRO CROATIA		RABIES CASES												1. 1.98 - 31. 3.98		
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
001	BELI MANASTIR	-	1	-	-	-	-	1	3	-	-	-	-	3		4
002	BENKOVAC							0	2	-	-	-	-	2		2
003	BIOGRAD NA MORU							0	2	-	-	-	-	2		2
004	BJELOVAR							0	2	-	-	-	-	2		2
007	BUZET							0	1	-	-	-	-	1		1
011	CAKOVEC							0	-	-	1	-	-	1		1
014	DELNICE							0	2	-	-	-	-	2		2
017	DONJI MIHOLJAC							0	1	-	-	-	-	1		1
018	DRNIS							0	1	-	-	-	-	1		1
020	DUGA RESA							0	3	-	-	-	-	3		3
023	DAKOVO							0	1	-	-	-	-	1		1
024	DURDEVAC	-	1	-	-	-	-	1	8	-	-	-	-	8		9
025	GARESZNICA							0	1	-	-	-	-	1		1
031	IMOTSKI							0	1	-	-	-	-	1		1
034	JASTREBARSKO							0	1	-	-	-	-	1		1
036	KARLOVAC							0	1	-	-	-	-	1		1
039	KNIN							0	1	-	-	-	-	1		1
040	KOPRIVNICA							0	5	-	-	-	-	5		5
044	KRIZEVCI	-	-	-	-	1	-	1	9	-	-	-	-	9		10
046	KUTINA							0	4	-	-	-	-	4		4
052	NASICE							0	2	-	-	-	-	2		2
053	NOVA GRADISKA							0	1	-	-	-	-	1		1
054	NOVI MAROF							0	1	-	-	-	-	1		1
056	OBROVAC							0	2	-	-	-	-	2		2
057	OBULIN							0	1	-	-	-	-	1		1
059	OPATIJA							0	1	-	-	-	-	1		1
060	ORAHOVICA							0	1	-	-	-	-	1		1

CRO CONTINUED															
LOCATION CODE NAME		DOMESTIC ANIMALS						WILD ANIMALS						HUMAN CASES	TOTAL
		DOG	CAT	CATTLE	HORSE	SHEEP GOAT	OTHERS	TOTAL	FOX	BADGER	OTHER MUSTEL	DEER	OTHERS		
061 OSIJEK							0	3	-	-	-	-	3		3
065 PAKRAC							0	1	-	-	-	-	1		1
067 PETRINJA							0	1	-	-	-	-	1		1
069 POREC							0	1	-	-	-	-	1		1
071 PULA							0	1	-	-	-	-	1		1
073 RIJEKA							0	2	-	-	-	-	2		2
074 ROVINJ							0	1	-	-	-	-	1		1
076 SINJ							0	1	-	-	-	-	1		1
077 SISAK							0	1	-	-	-	-	1		1
078 POZEGA							0	2	-	-	-	1	3		3
079 SLAVONSKI BROD							0	11	-	-	-	-	11		11
083 SIBENIK							0	4	-	-	-	-	4		4
087 VARAZDIN							0	4	-	-	-	-	4		4
088 VINKOVCI							0	3	-	-	-	-	3		3
089 VIROVITICA							0	2	-	-	-	-	2		2
092 VRBOVEC		-	1	-	-	-	1	18	-	-	-	-	18		19
094 VRGINMOST							0	2	-	-	-	-	2		2
096 VUKOVAR							0	2	-	-	-	-	2		2
098 ZADAR		1	-	-	-	-	1	13	-	1	-	1	15		16
099 SVETI IVAN ZELINA							0	1	-	-	-	-	1		1
101 ZUPANJA							0	2	-	-	-	-	2		2
102 GRAD ZAGREB		1	1	-	-	-	2	2	-	-	-	-	2		4
TOTAL		2	4	0	0	1	7	136	0	2	0	2	140	0	147
PER CENT		1.4	2.7	0.0	0.0	0.7	4.8	92.5	0.0	1.4	0.0	1.4	95.2	0.0	100.0

1st Quarter: January - March 1998

page 19

RABIES CASES															1. 1.98 - 31. 3.98	
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
<b>EST ESTONIA</b>																
01	Harjumaa	3	-	-	-	-	-	3	3	-	-	-	1	4		7
03	Ida-Virumaa							0	-	-	-	-	1	1		1
04	Jogevamaa	2	2	-	-	-	-	4	2	-	-	-	1	3		7
05	Jaervamaa							0	1	-	-	-	1	2		2
06	Laesenemaa	1	-	-	-	-	-	1	1	-	-	-	-	1		2
07	Laesene-Virumaa	-	2	-	-	-	-	2	5	-	-	-	-	6		8
10	Raplamaa	-	1	-	-	-	-	1	-	-	-	-	1	1		2
11	Saaremaa	1	-	-	-	-	-	1	-	-	-	-	1	1		2
12	Tartumaa	1	-	-	-	-	-	1	4	-	-	1	2	7		8
15	Vorumaa							0	-	-	1	-	-	1		1
<b>TOTAL</b>		<b>8</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13</b>	<b>16</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>9</b>	<b>27</b>	<b>0</b>	<b>40</b>
<b>PER CENT</b>		<b>20.0</b>	<b>12.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>32.5</b>	<b>40.0</b>	<b>0.0</b>	<b>2.5</b>	<b>2.5</b>	<b>22.5</b>	<b>67.5</b>	<b>0.0</b>	<b>100.0</b>
<b>LVA LATVIA</b>																
01	Aizkraukle	1	-	-	-	-	-	1	-	-	-	-	2	2		3
06	Daugavpils							0	1	-	-	-	2	3		3
10	Jelgava	-	1	-	-	-	-	1	-	-	-	-	0	1		1
12	Kuldiga							0	1	-	-	-	-	1		1
13	Liepaja							0	2	-	-	-	1	3		3
15	Ludze							0	-	-	-	-	1	1		1
16	Madona							0	-	-	-	-	1	1		1
17	Ogre	-	1	-	-	-	-	1	-	-	-	-	-	0		1
18	Preiļi	1	-	-	-	-	-	1	-	-	-	-	-	0		1
20	Riga							0	1	-	-	-	-	1		1
21	Saldus	1	-	-	-	-	-	1	1	1	-	-	-	2		3
23	Tukums							0	-	-	-	-	1	1		1
25	Valmiera	1	-	-	-	-	-	1	4	1	-	-	2	7		8
<b>TOTAL</b>		<b>4</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>10</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>22</b>	<b>0</b>	<b>28</b>
<b>PER CENT</b>		<b>14.3</b>	<b>7.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>21.4</b>	<b>35.7</b>	<b>7.1</b>	<b>0.0</b>	<b>0.0</b>	<b>35.7</b>	<b>78.6</b>	<b>0.0</b>	<b>100.0</b>



RABIES CASES																1. 1.98 - 31. 3.98	
LOCATION CODE NAME		DOMESTIC ANIMALS						WILD ANIMALS						HUMAN CASES	TOTAL		
		DOG	CAT	CATTLE	HORSE	SHEEP GOAT	OTHERS	TOTAL	FOX	BADGER	OTHER MUSTEL	DEER	OTHERS			TOTAL	
<b>BUL BULGARIA</b>																	
06 VRATZA							0	-	-	-	-	3	3		3		
15 PLEVEN							0	-	-	-	-	1	1		1		
TOTAL			0	0	0	0	0	0	0	0	0	4	4	0	4		
<b>ROM ROMANIA</b>																	
14 CONSTANTA		-	-	-	-	18	-	18							18		
24 IASI		-	1	-	-	-	-	1							1		
34 SUCEAVA								0	2	-	-	-	-		2		
39 VILCEA		1	-	-	-	-	-	1							1		
40 VRANCEA								0	1	-	-	-	-		1		
TOTAL		1	1	0	0	18	0	20	3	0	0	0	0	3	23		
PER CENT		4.3	4.3	0.0	0.0	78.3	0.0	87.0	13.0	0.0	0.0	0.0	0.0	13.0	100.0		
<b>TUR TURKEY</b>																	
01 ADANA		1	-	-	-	-	-	1							1		
03 AFYON		1	-	-	-	-	-	1							1		
10 BALIKESIR		2	-	1	-	-	-	3							3		
16 BURSA		1	-	-	-	-	-	1							1		
27 GAZIANTEP		-	-	-	1	-	-	1							1		
31 HATAY		1	-	1	-	-	-	2							2		
32 ISPARTA		1	-	-	-	-	-	1							1		
34 ISTANBUL		9	-	-	-	-	-	9							9		
35 IZMIR		7	-	-	-	-	-	7							7		
37 KASTAMONU		1	-	-	-	-	-	1							1		
43 KUETAHYA		1	-	-	-	-	-	1							1		
45 MANISA		5	-	-	-	-	-	5							5		
66 AKSARAY		1	-	-	-	-	-	1							1		
TOTAL		31	0	2	1	0	0	34	0	0	0	0	0	0	34		
PER CENT		91.2	0.0	5.9	2.9	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0		

1st Quarter: January - March 1998

page 21

POL		POLAND											RABIES CASES					1. 1.98 - 31. 3.98	
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	WARSZAWA							0	5	1	-	-	-	6		6			
03	BIALA PODLASKA	1	-	1	-	-	-	2	43	-	-	-	2	45		47			
05	BIALYSTOK							0	21	-	1	-	-	22		22			
07	BIELSKO-BIALA	-	1	-	-	-	-	1	1	-	-	-	-	1		2			
09	BYDGOSZCZ							0	1	-	-	-	-	1		1			
11	CHELM							0	9	-	-	-	1	10		10			
13	CIECHANOW							0	12	-	-	-	2	14		14			
15	CZESTOCHOWA	-	1	1	-	-	-	2	1	-	-	-	-	1		3			
17	ELBLAG							0	2	-	-	-	-	2		2			
25	KALISZ							0	1	-	-	-	-	1		1			
27	KATOWICE	-	1	-	-	-	-	1						0		1			
29	KIELCE							0	15	-	-	-	-	15		15			
35	KRAKOW	2	7	-	-	-	-	9	4	-	1	-	-	5		14			
37	KROSNO							0	1	-	-	-	-	1		1			
41	LESZNO							0	1	-	-	-	-	1		1			
43	LUBLIN							0	9	-	-	-	-	9		9			
45	LOMZA	-	-	1	-	-	-	1	12	-	-	-	-	12		13			
47	LODZ							0	1	-	-	-	-	1		1			
49	NOWY SACZ	1	-	-	-	-	-	1	2	-	1	-	-	3		4			
51	OLSZTYN	1	1	3	-	-	-	5	16	-	-	-	-	5		26			
55	OSTROLEKA	1	-	2	-	-	-	3	14	-	1	-	-	15		18			
61	PLOCK							0	7	-	-	-	1	8		8			
65	PRZEMYSL							0	4	-	-	1	-	5		5			
67	RADOM							0	8	-	-	-	-	8		8			
69	RZESZOW	1	1	-	-	-	-	2	30	-	1	-	-	31		33			
71	SIEDLCE							0	18	-	1	-	-	19		19			
79	SUWALKI	-	1	1	-	-	-	2	24	-	1	1	2	28		30			
83	TARNOBRZEG							0	9	-	-	-	-	9		9			
85	TARNOW	2	1	-	-	-	-	3	27	-	1	1	-	29		32			
87	TORUN	1	1	2	-	-	-	4	4	-	-	-	2	6		10			
91	WLOCLAWEK							0	3	-	-	-	2	5		5			
95	ZAMOSC							0	10	-	-	-	-	10		10			
TOTAL		10	15	11	0	0	0	36	315	1	8	3	17	344	0	380			
PER CENT		2.6	3.9	2.9	0.0	0.0	0.0	9.5	82.9	0.3	2.1	0.8	4.5	90.5	0.0	100.0			

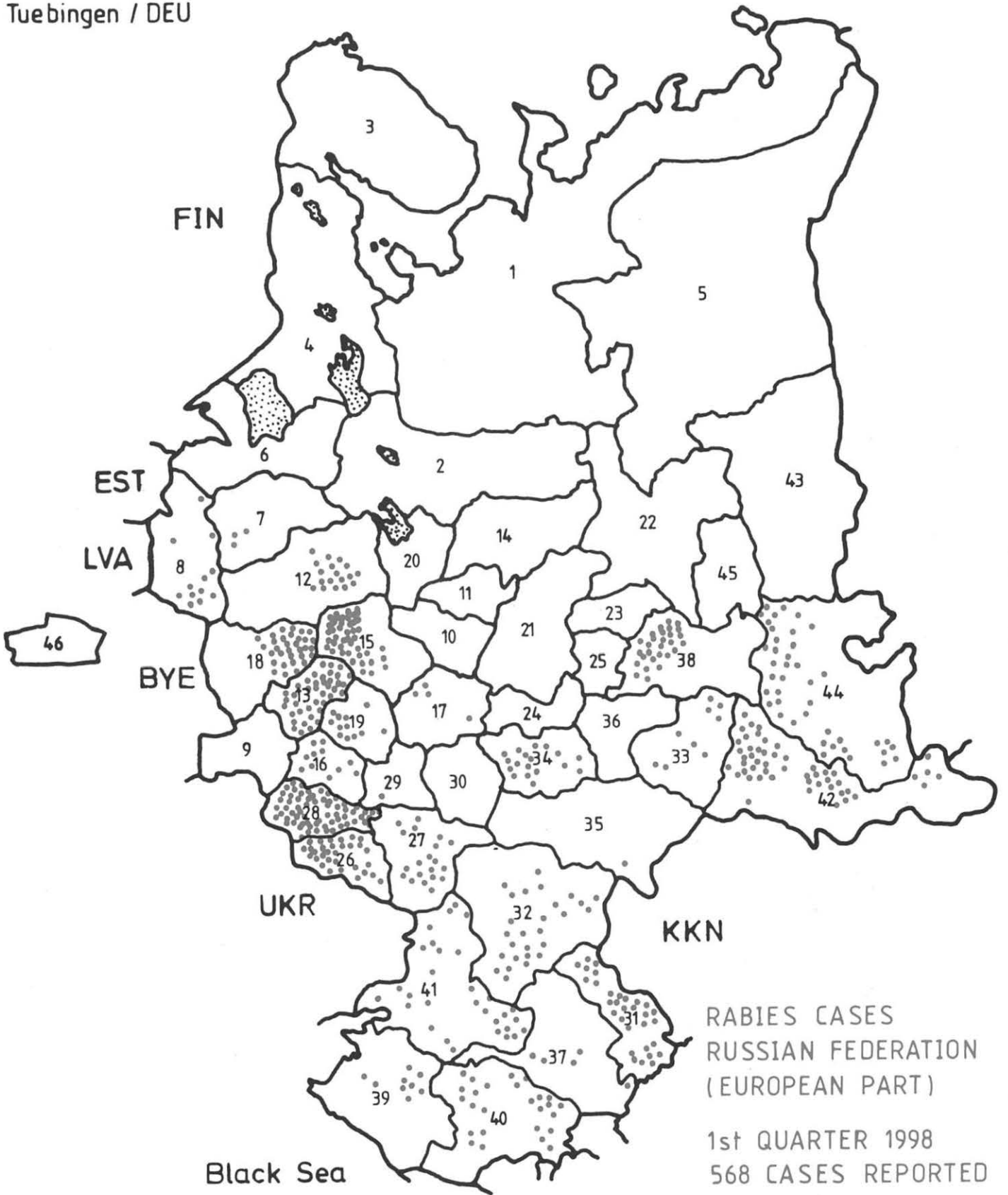
RABIES CASES															1. 1.98 - 31. 3.98	
LOCATION		DOMESTIC ANIMALS						WILD ANIMALS						HUMAN CASES	TOTAL	
CODE	NAME	DOG	CAT	CATTLE	HORSE	SHEEP GOAT	OTHERS	TOTAL	FOX	BADGER	OTHER MUSTEL	DEER	OTHERS			TOTAL
<b>MLD MOLDOVA</b>																
01	MOLDOVA	2	-	-	-	-	-	2	10	-	-	-	-	10		12
TOTAL		2	0	0	0	0	0	2	10	0	0	0	0	10	0	12
PER CENT		16.7	0.0	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
<b>RUS RUSSIAN FEDERATION</b>																
07	Novgorod Region	3	-	-	-	-	-	3	-	-	-	-	-	0		3
08	Pskov Region	6	1	-	-	-	-	7	2	-	-	-	3	5		12
12	Tver Region	2	-	-	-	-	-	2	11	-	-	-	5	16		18
13	Kaluga Region	5	4	-	1	-	-	10	30	-	-	-	-	30		40
15	Moscow Region	6	4	-	-	-	-	10	32	-	-	-	2	34		44
16	Oryol Region	-	-	1	-	-	-	1	10	-	-	-	-	10		11
17	Ruazan Region	2	1	-	-	-	-	3	1	-	-	-	-	1		4
18	Smolensk Region	7	-	-	1	-	-	8	20	-	-	-	4	24		32
19	Tula Region	3	4	-	-	1	-	8	3	-	-	-	1	4		12
26	Belgorod Region	6	4	-	-	1	-	11	20	-	-	-	-	20		31
27	Voronezh Region	6	5	4	-	-	-	15	5	-	-	-	-	5		20
28	Kursk Region	17	11	6	2	2	-	38	26	-	-	-	1	27		65
29	Lipetsk Region	-	-	-	-	-	-	0	1	-	-	-	-	1		1
31	Astrakhan Region	4	5	7	-	13	1	30	-	1	-	-	-	1		31
32	Volgograd Region	7	-	14	1	4	-	26	1	-	-	-	-	1		27
33	Samara Region	1	4	-	-	-	-	5	4	-	-	-	-	4		9
34	Penza Region	5	-	1	-	1	-	7	11	-	-	-	-	11		18
35	Saratov Region	1	-	-	-	-	-	1	-	-	-	-	-	0		1
37	Rep. of Kalmykiya	-	-	4	-	-	-	4	-	-	-	-	1	1		5
38	Rep. of Tatarstan	1	3	2	-	-	-	6	22	-	-	-	-	22		28
39	Krasnodar Territory	6	1	1	-	-	-	8	1	-	-	-	-	1		9
40	Stavropol Territory	11	3	11	-	-	-	25	1	-	-	-	-	1		26
41	Rostov Region	7	5	7	-	2	1	22	8	-	-	-	-	8		30
42	Orenburg Region	19	6	5	-	3	-	33	16	-	-	-	-	16		49
44	Rep. of Bashkortostan	7	3	19	1	-	-	30	12	-	-	-	-	12		42
TOTAL		132	64	82	6	27	2	313	237	1	0	0	17	255	0	568
PER CENT		23.2	11.3	14.4	1.1	4.8	0.4	55.1	41.7	0.2	0.0	0.0	3.0	44.9	0.0	100.0

1st Quarter: January - March 1998

page 23

## 6. LIST OF CONTRIBUTORS

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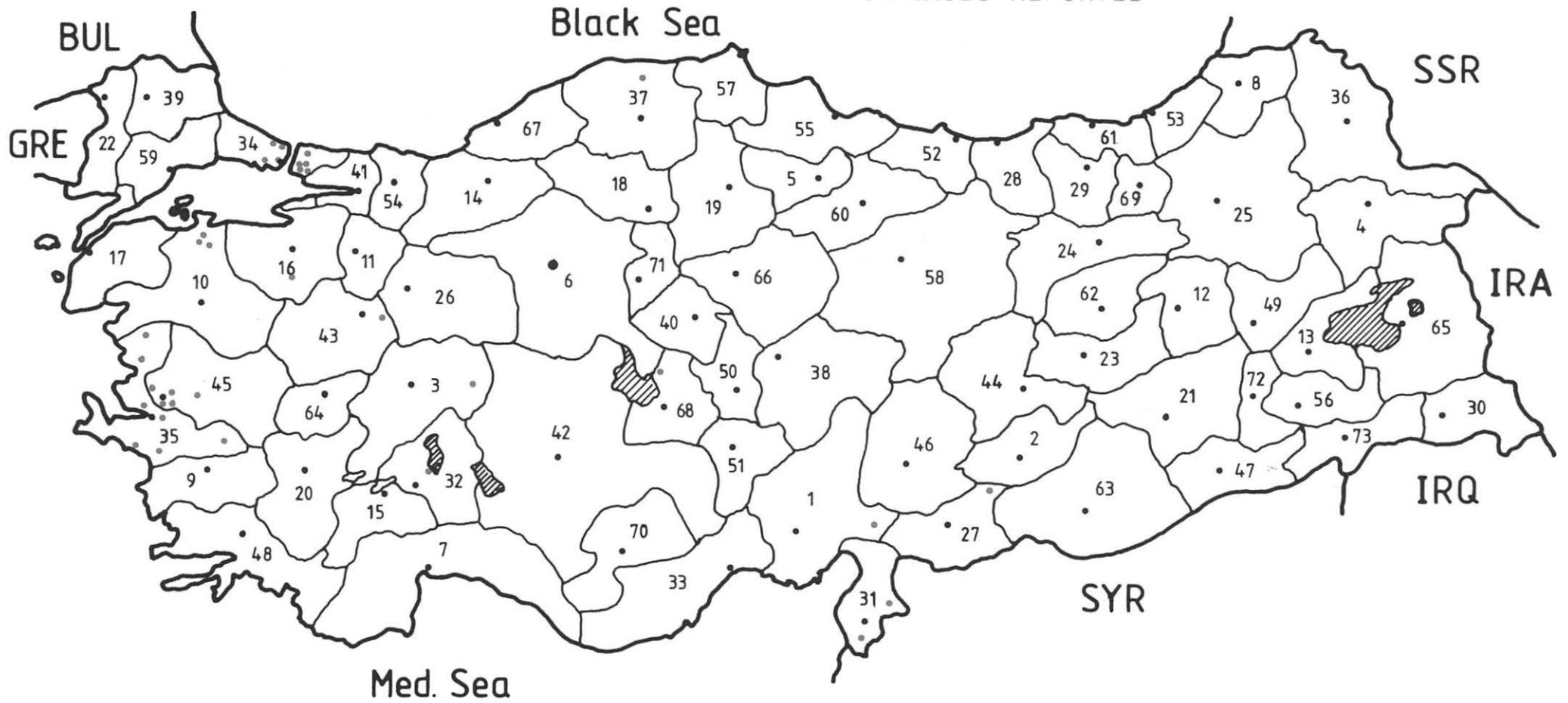






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RABIES CASES TURKEY  
1st QUARTER 1998  
34 CASES REPORTED





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ICE  
(rabies free)

RABIES CASES EUROPE  
1st QUARTER 1998  
1711 CASES REPORTED  
3 BAT RABIES CASES INCLUDED



(rabies free) = no indigenous case reported for at least two years