Report of the Working Group on Wildlife

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Chronic Wasting Disease
Chronic Wasting Disease

• Scientific Commission request to WGW for review:

- Cases reported 2016 from northern Europe - reindeer
- Post-mortem findings are most accurate
- Biopsy tests available but not practical for large herds
- Criteria for OIE Listing (T.C. Chapter 1.2) not met due to difficulties in proving freedom from disease currently
- Urge reporting in wildlife on a voluntary basis
OIE 6th Strategic Plan

We work to protect the health and welfare of animals globally, leading to economic prosperity as well as social and environmental well-being of populations.

6TH STRATEGIC PLAN 2016-2020

WE ARE

Spreading scientific and technical knowledge
Providing Veterinary expertise
Collecting and disseminating notified disease data

WE ARE

Developing science-based international standards on:
- Global disease control and eradication
- Antimicrobials use and alternatives
- Biothreat reduction
- Climate change and biodiversity

WE ARE

Addressing human-animal health emergencies
Enhancing animal health global governance
Improving capacities of Veterinary Services

WE WILL

Supporting and strengthening VETERINARY SERVICES at the front lines of public health
Build capacities by fitting local contexts
Highlight sustainable Veterinary Services’ benefits
Further develop the PVS Pathway*

WE WILL

Improving animal health and welfare by appropriate RISK MANAGEMENT
Promote the One Health concept
Include new technologies
Incorporate social, economic and environmental sciences
Enhance countries’ official disease status recognition

WE WILL

Strengthen science and experts’ roles
Modernise our communication tools
Share data analysis through WAHIS*

* The OIE World Animal Health Information System

* OIE Programme to improve the performance of Veterinary Services

Excellence

Engagement

Management

SCIENCE

Expert groups
Reference Centres
next generation scientists

quality
objectivity
knowledge transfer
timeliness
new technologies

diversity and selection

roles and responsibilities
financial resources
partnerships

Management

Expert Commissions
Scientific Panels
Reference Laboratories
region

Excellence

quality
objectivity
knowledge transfer
timeliness
new technologies

Excellence

Service Excellence

Science Excellence

Engagement

Diversity and Inclusion

Partnerships

Management

Roles and Responsibilities
Financial Resources

Excellence

Identify emerging issues
Support strengthening capacities
Communicate with partners

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OIE 6th Strategic Plan
and the Working Group on Wildlife

• Commitment to timely and science-based information

• Provide expertise and linkages for
  - Environment and Emerging Diseases
  - Biodiversity Issues
  - Climate Change
Climate Change Scenario for the distribution of Nipah virus.
Year 2050, optimistic scenario (B2). Red areas show new potential areas.
(Courtesy EcoHealth Alliance).
WGW
Working with OIE Information Dept.

• Annual review of pathogen and host taxonomy

• Support voluntary reporting of *Lyssaviruses other than Rabies* as part of non-OIE Listed diseases

• Discussion of Reporting to WAHIS-Wild

• Prepare a short annual report on non OIE listed diseases that would be shared with the OIE National Focal Points for Wildlife

• *(Prepare a short “newsletter” for the OIE National Focal Points for Wildlife based on WGW annual meeting report)*
Members Reporting to WAHIS-Wild
WGW
Working with OIE Information Dept.

• Members Reporting to WAHIS-Wild

Number of countries reporting (as of 27 April 2017)

Number of countries reporting (2011)

<table>
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<tr>
<th>Region</th>
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<td>Middle East</td>
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Wildlife
New and Emerging Issues
Wildlife
New and Emerging Issues

• Supplemental Feeding of Wildlife – **Benefits**
  
  ▪ Supplement nutrition to increase populations above natural capacity

  ▪ Supplement populations during unusual events

  ▪ Assist with management (capture, surveys, treatments)
Wildlife
New and Emerging Issues

• Supplemental Feeding of Wildlife – Risks

  ▪ Need to maintain to avoid population collapse
  ▪ Reduce fear of humans and increase proximity
  ▪ Facilitate disease transmission (Brucellosis, Tb, CWD, etc.)
  ▪ Facilitate pathogen persistence and expand geographic distribution
Wildlife
New and Emerging Issues
Wildlife
New and Emerging Issues

• *Batrachochytrium salamandrivorans - Bsal*

- Severely fatal disease of some amphibian/salamander species
- Documented spread in amphibian and fish trade
- Introduced to North America and more recently Europe with local population extinctions
- WGW supports consideration of OIE Listing
Wildlife
New and Emerging Issues
Wildlife
New and Emerging Issues

• *Ophidiomyces ophidiicola* - Snake Fungal Disease

  ▪ Dermatitis and fatalities in wide range of snake species
  ▪ Reported in nine states in the USA since 2009
  ▪ Reported now in wild snakes in Europe (UK)
Wildlife

New and Emerging Issues
Wildlife
New and Emerging Issues

• *Pseudogymnoascus destructans* – White-nose Syndrome

  ▪ Fatal disease of bats in North America – subclinical infection in European Bats

  ▪ Now found 1500 Km west in the United States
Wildlife

New and Emerging Issues

Map depicts the first time WNS is reported suspect or confirmed in a county or district (or portions thereof). Each time period in the legend spans a winter bat hibernation period.

Citation: White-nose syndrome occurrence map - by year (2017). Data Last Updated: 3/22/2017. Available at: https://www.whitenosesyndrome.org/resources/map.
Wildlife
New and Emerging Issues

• *Saiga Antelope – Mass Mortality*

- >230,000 animals died in 2015, Kazakhstan – *P. multocida B environmental conditions under study*

- Large Mortality Event 2016-17, Mongolia – Peste de Petit Ruminant associated with livestock infections
Working Group Activities

• **OFFLU – Global Surveillance of influenzas of wild birds**

• **OIE Ad hoc group on “killing methods for reptiles”**

• Collaborative Partnership on Sustainable Wildlife (14 International Organizations)

• Assist OIE Science and Technology Dept. on 4th round of training for Focal Points for Wildlife (2016-2017)
Working Group Activities

• OIE and CIC (International Council for Game and Wildlife Conservation)

  ▪ Assist with establishing training center in Bulgaria
  ▪ Training seminars for hunters on wildlife diseases
  ▪ Establish hunter networks for disease surveillance
  ▪ Hunter educational materials on African Swine Fever
African Swine Fever in Europe
Working Group Activities
Convention on International Trade in Endangered Species

• International movement of emergency diagnostic specimens for conservation purposes
  ▪ OIE working relationship with CITES
  ▪ Resolution passed at CITES CoP November 2016 to explore options for facilitating specimen transfer to reference laboratories
Working Group Activities

Nagoya Protocol

• The Group was consulted about the Nagoya Protocol and its impact on the transport of biological specimens coming from Wildlife

• Member of the Group will attend the first meeting of the ad hoc Group on the transport of biological materials (July 2017)
Working Group Activities

Training workshops for OIE National Focal points for Wildlife

• 4th cycle is being organised:

  ▪ Belarus – Europe – July 2016
  ▪ Kenya – Africa (English speaking) – November 2016
  ▪ Togo – Africa (French speaking countries) – January 2017
  ▪ Paraguay – Americas – March 2017
  ▪ Indonesia – Asia, Far East and Oceania – July 2017

• Focused on wildlife disease surveillance (diagnostic perspective) and the use of WAHIS-Wild
Recognition of Service

Dr. Marc Artois, France

• Recognition of Service and Special Thanks !!

• Founding member of the Working Group since 1994