

bio-era



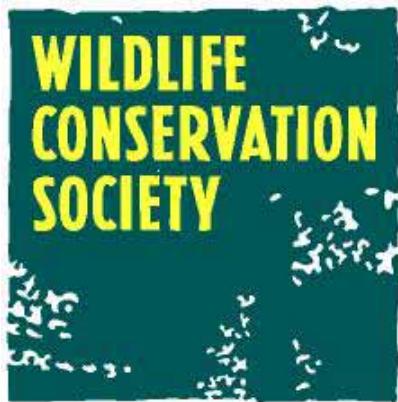
World Health Organization



The Bay and Paul Foundations



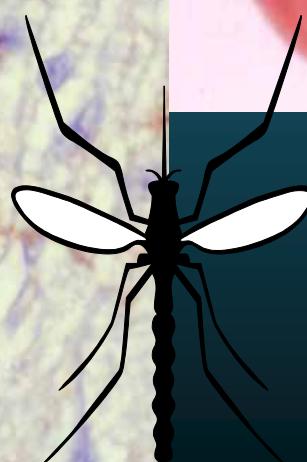
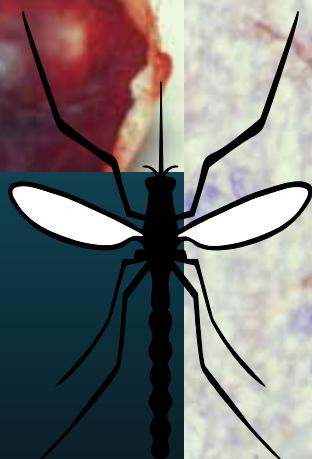
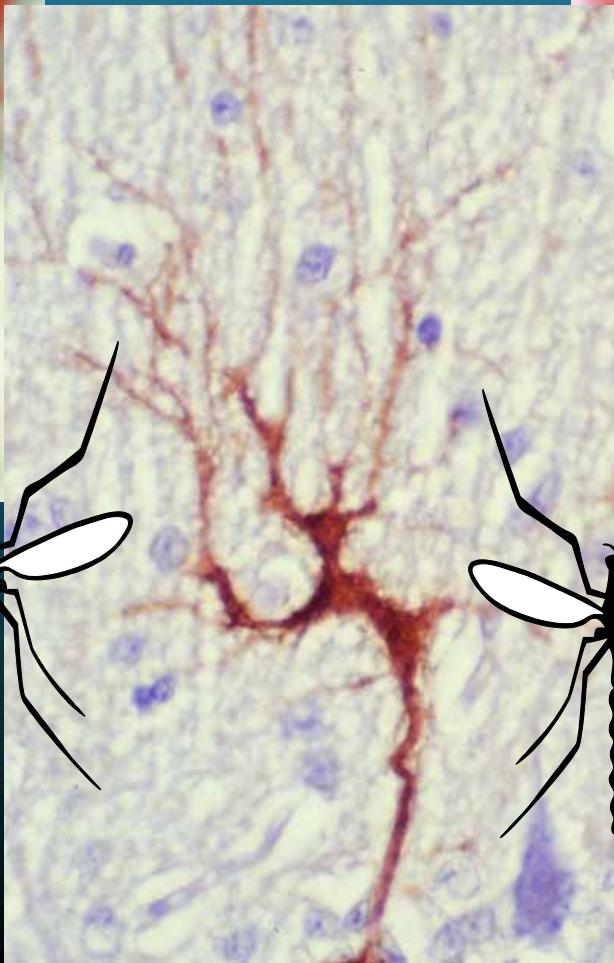
one world • one health



one world • one health

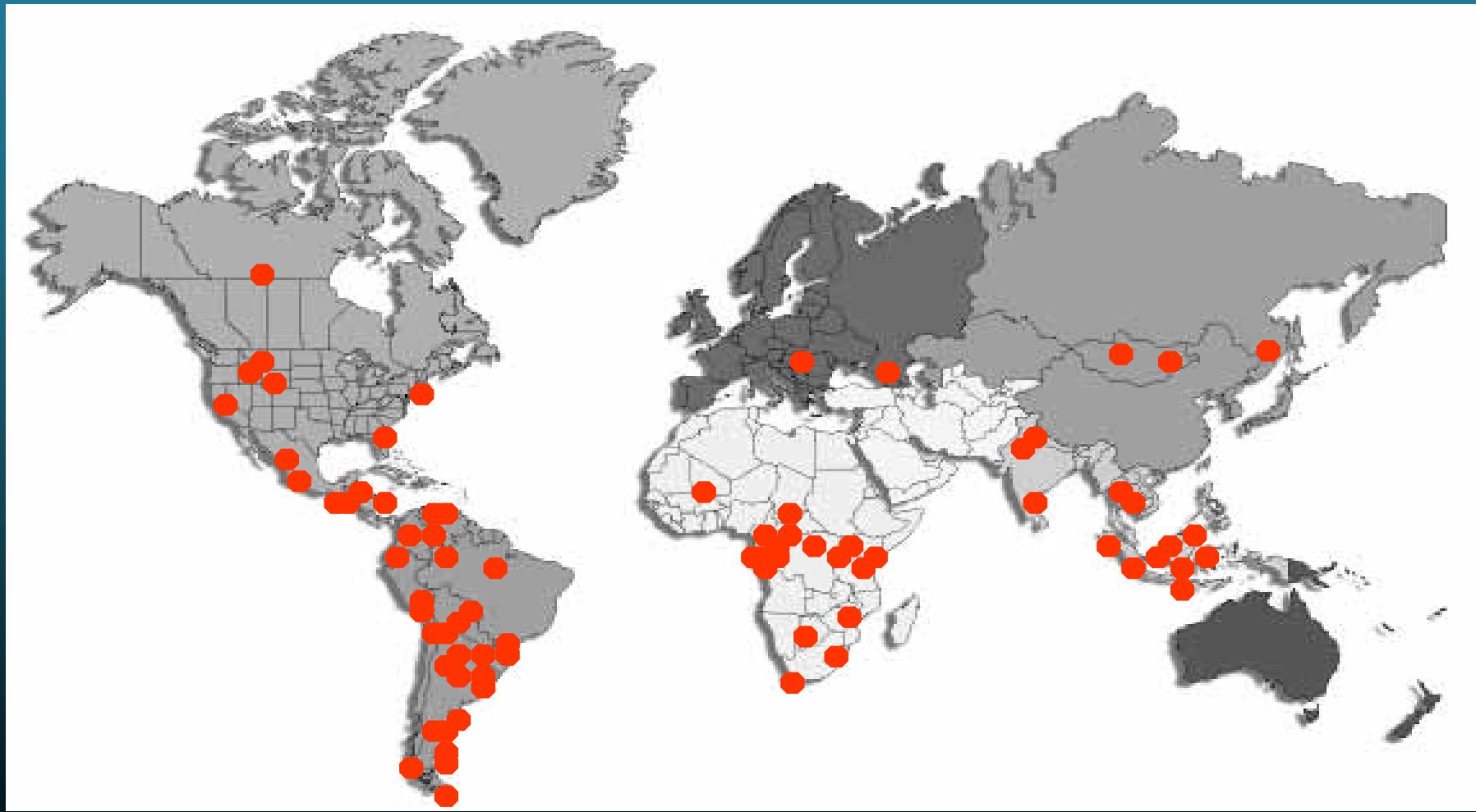


West Nile Virus





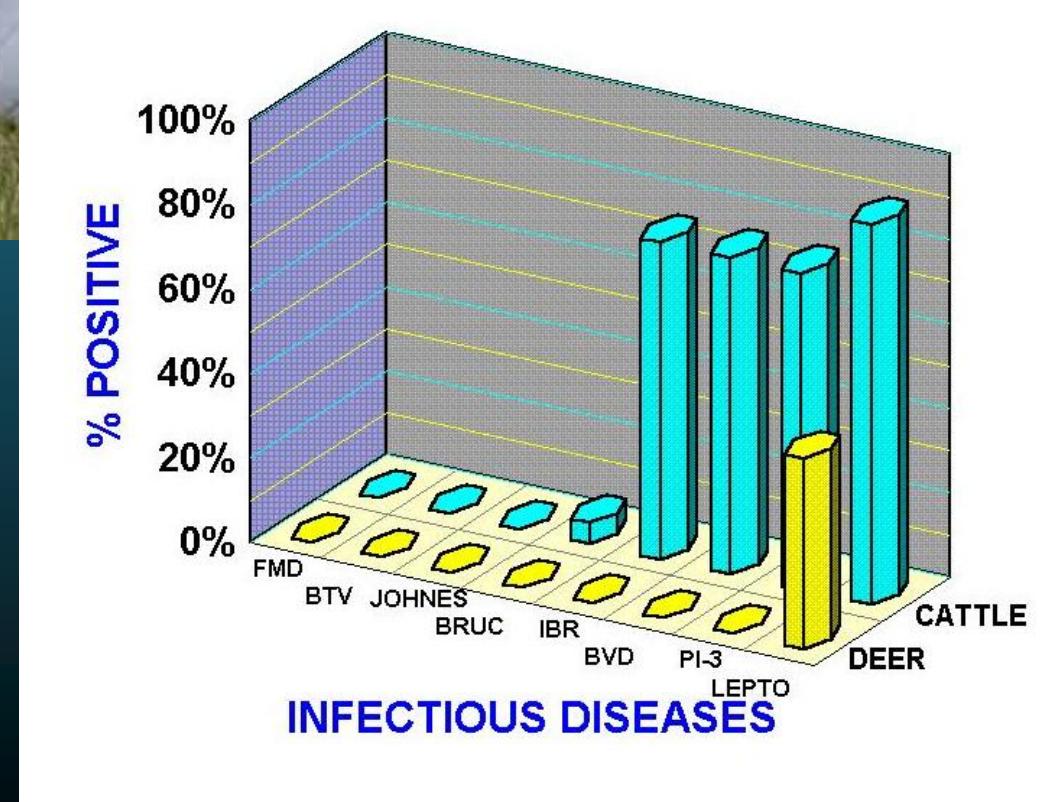
Field Veterinary Program

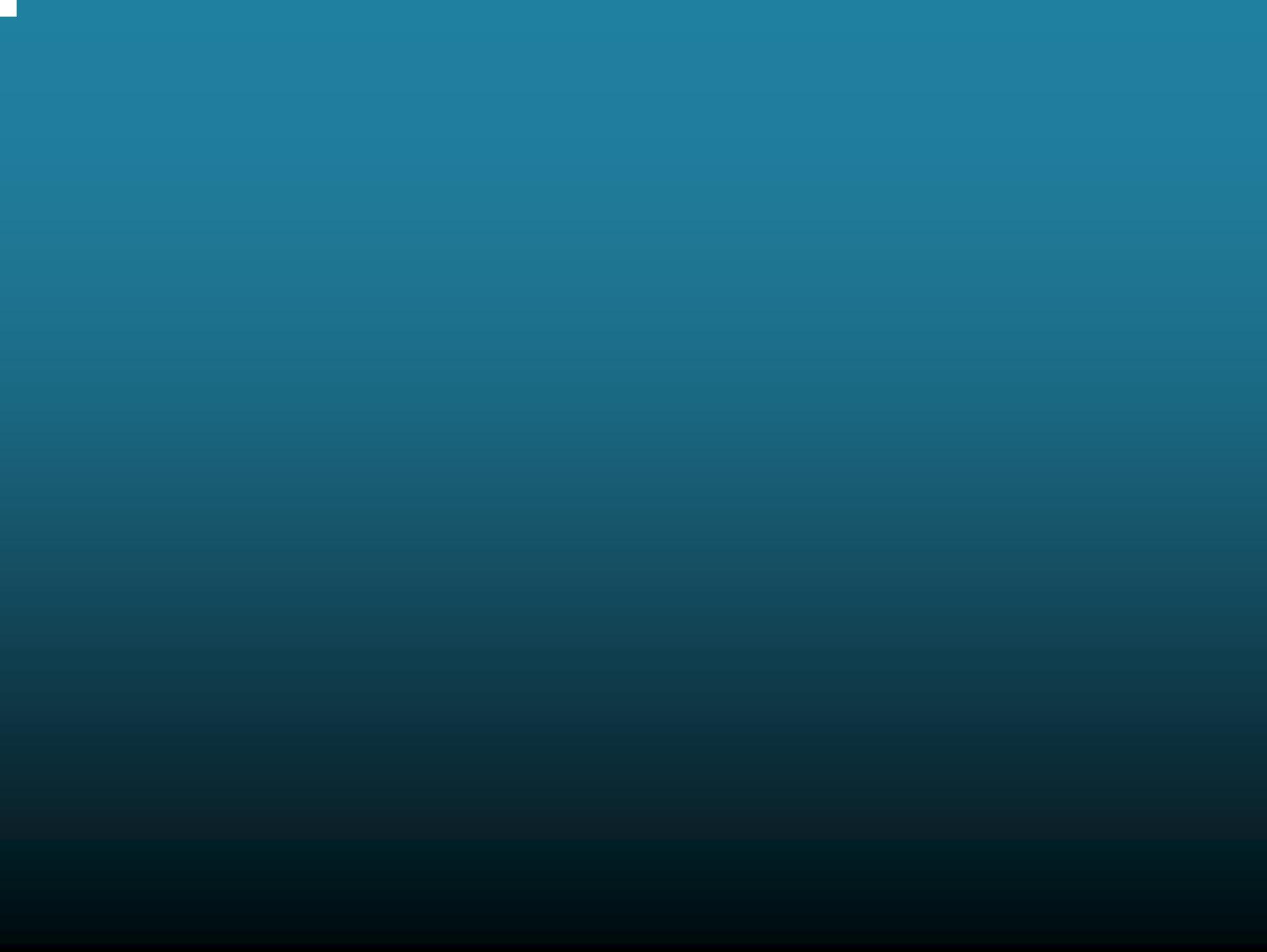


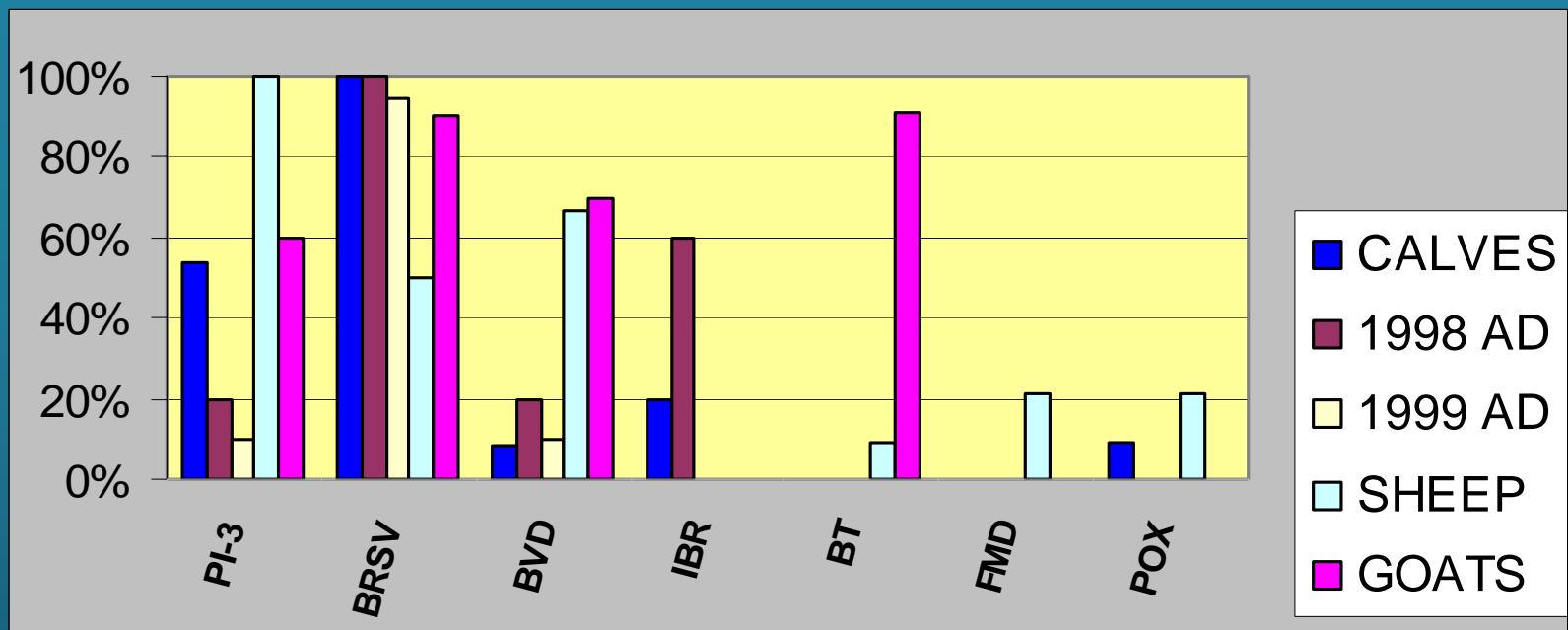


Steve Osofsky, 2004











W.B. Karesh, 2005



W.B. Karesh, 2005



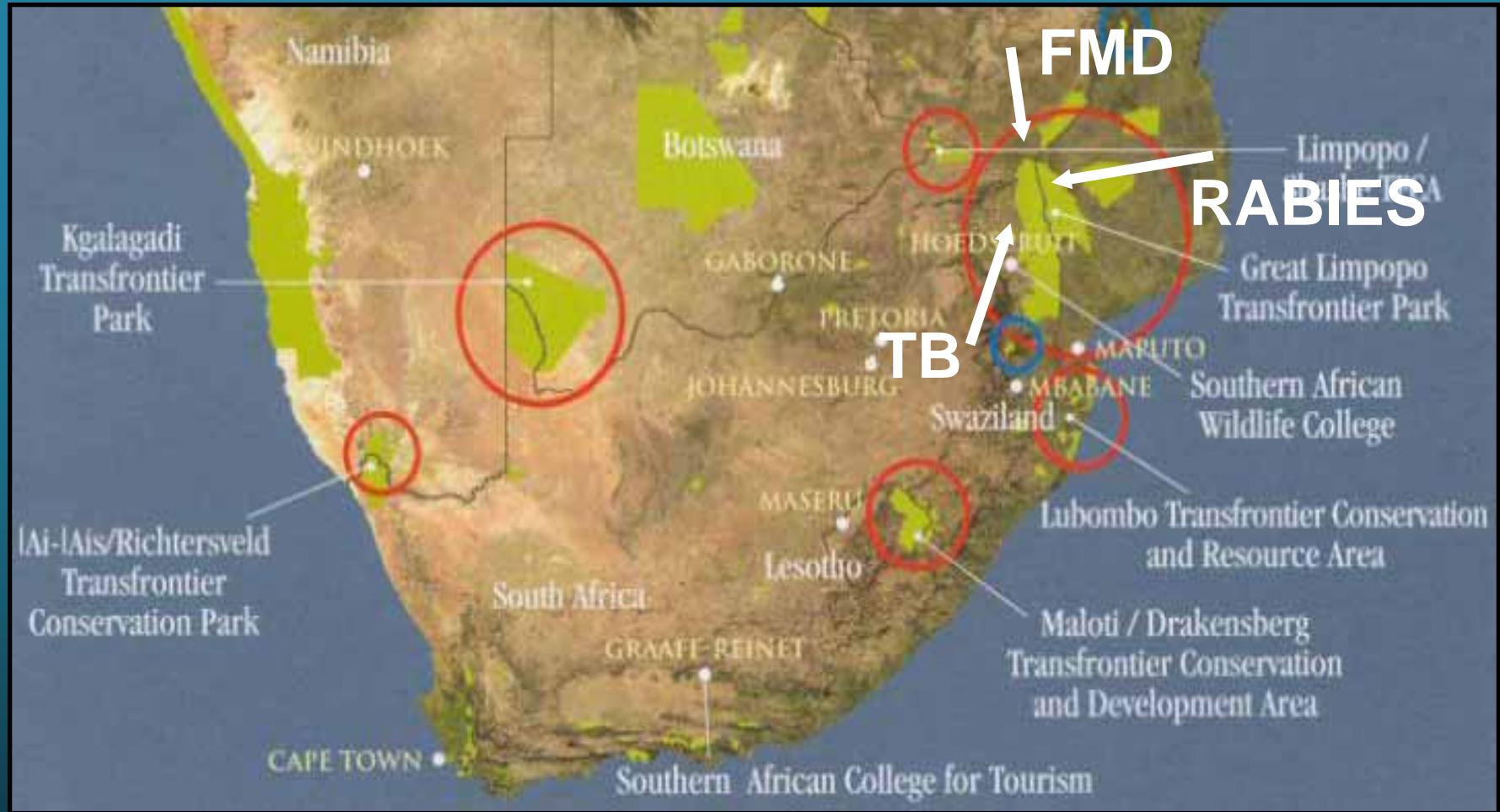
W.B. Karesh, 2005

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Posted on 04 Nov 2005 # ANI

Wild whooper swan to yield human pandemic influenza vaccine

Infectious Disease	Affects Wildlife	Affects Domestic Animals	Affects Humans Directly	Affects Human Livelihoods Indirectly
Brucellosis	X	X	X	X
Canine Parvovirus	X	X		
Chagas	X	X	X	
Distemper	X	X		
Foot and Mouth Disease	X	X		X
Leishmania	X		X	
Leptospirosis	X	X	X	
Rabies	X	X	X	X
Scabies	X	X	X	
Toxoplasmosis	X	X	X	





Salmonella

Viral Diarrhea

Polio

Humans

Colds

Apes



Flu

Measles

Tuberculosis

> 100 Others

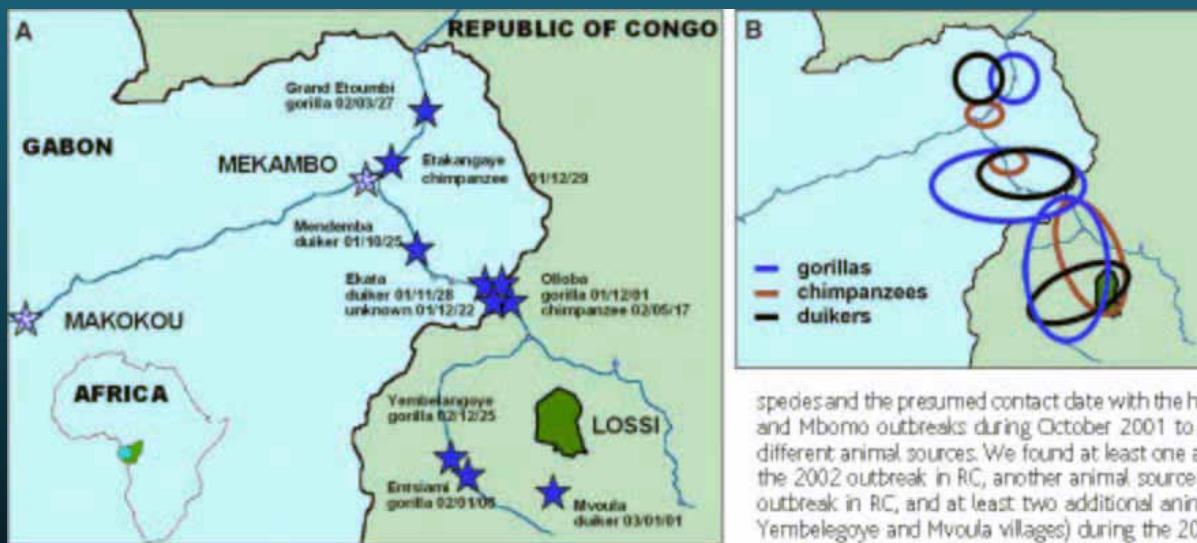


Disease outbreak Investigations & Post-mortem exams

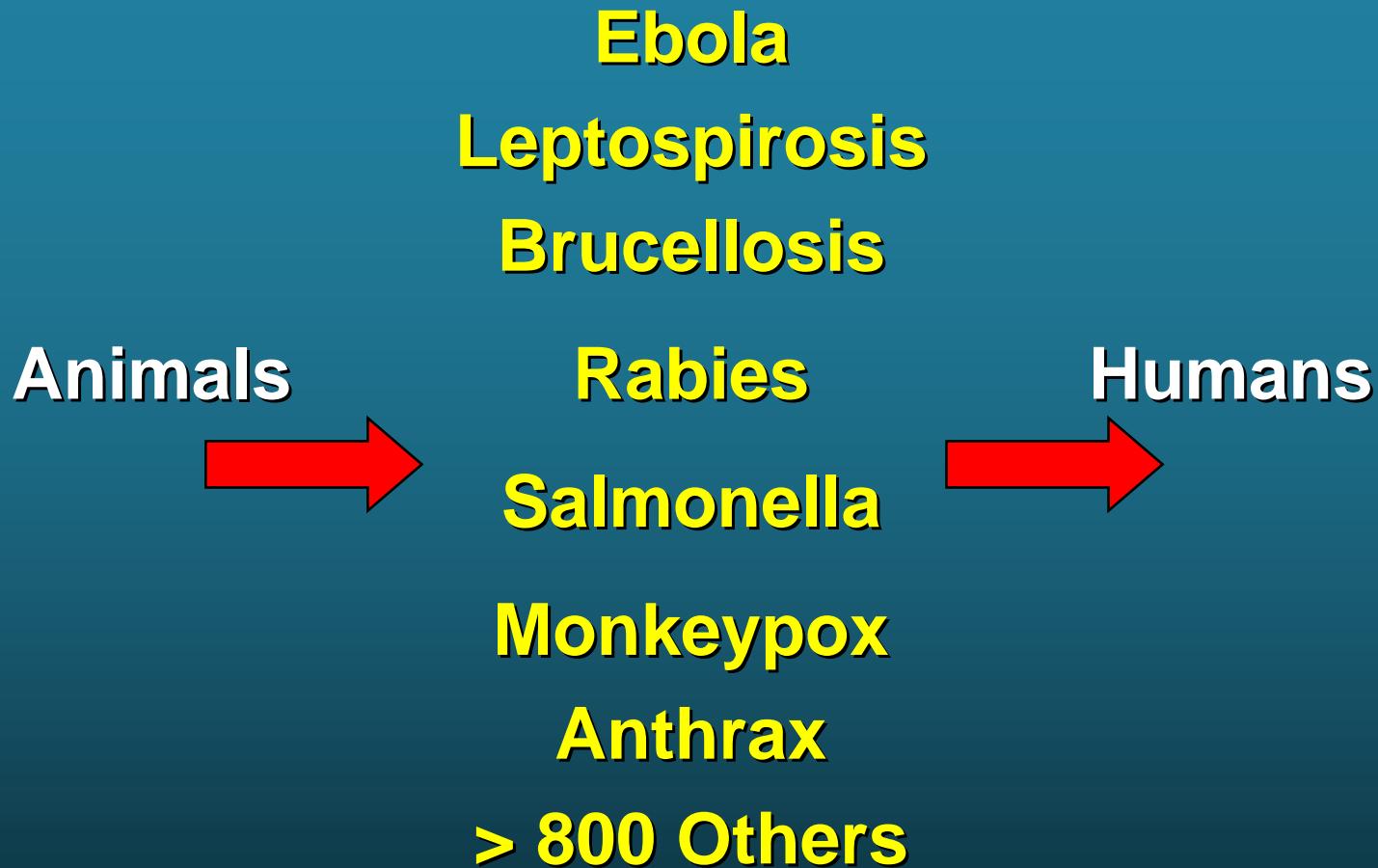


Multiple Ebola Virus Transmission Events and Rapid Decline of Central African Wildlife

SCIENCE, Jan. 16, 2004



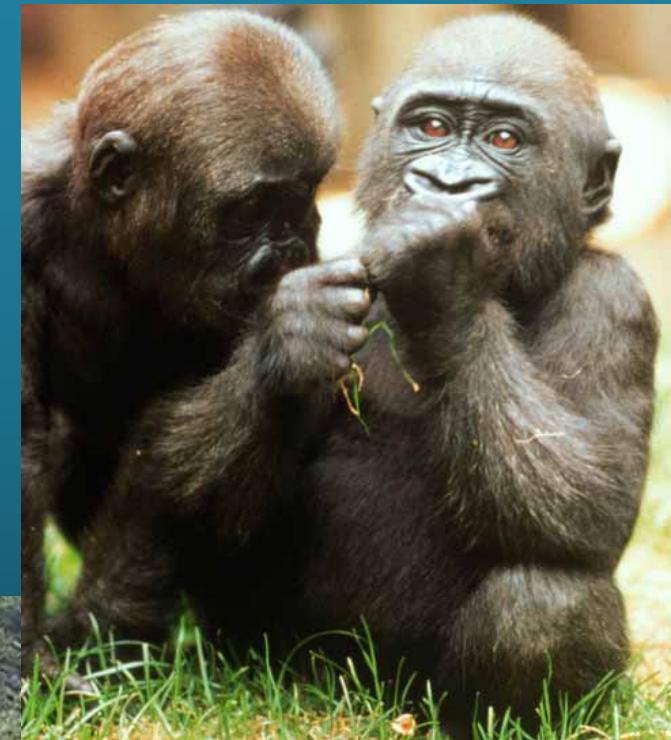
species and the presumed contact date with the human and Mbomo outbreaks during October 2001 to November 2002. We found at least one animal source for each of the 2002 outbreak in RC, another animal source for the 2001 Mbomo outbreak in RC, and at least two additional animal sources (Yembelegoye and Mvoula villages) during the 2001





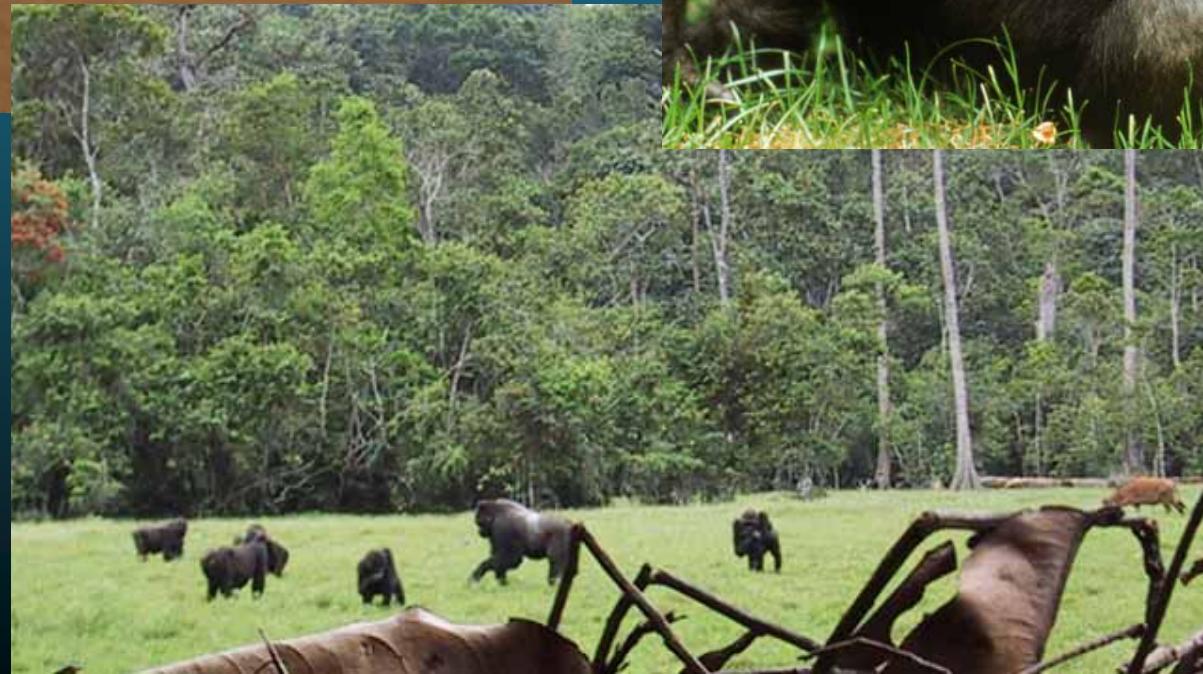






**Healthy
People**

**Healthy
Animals**









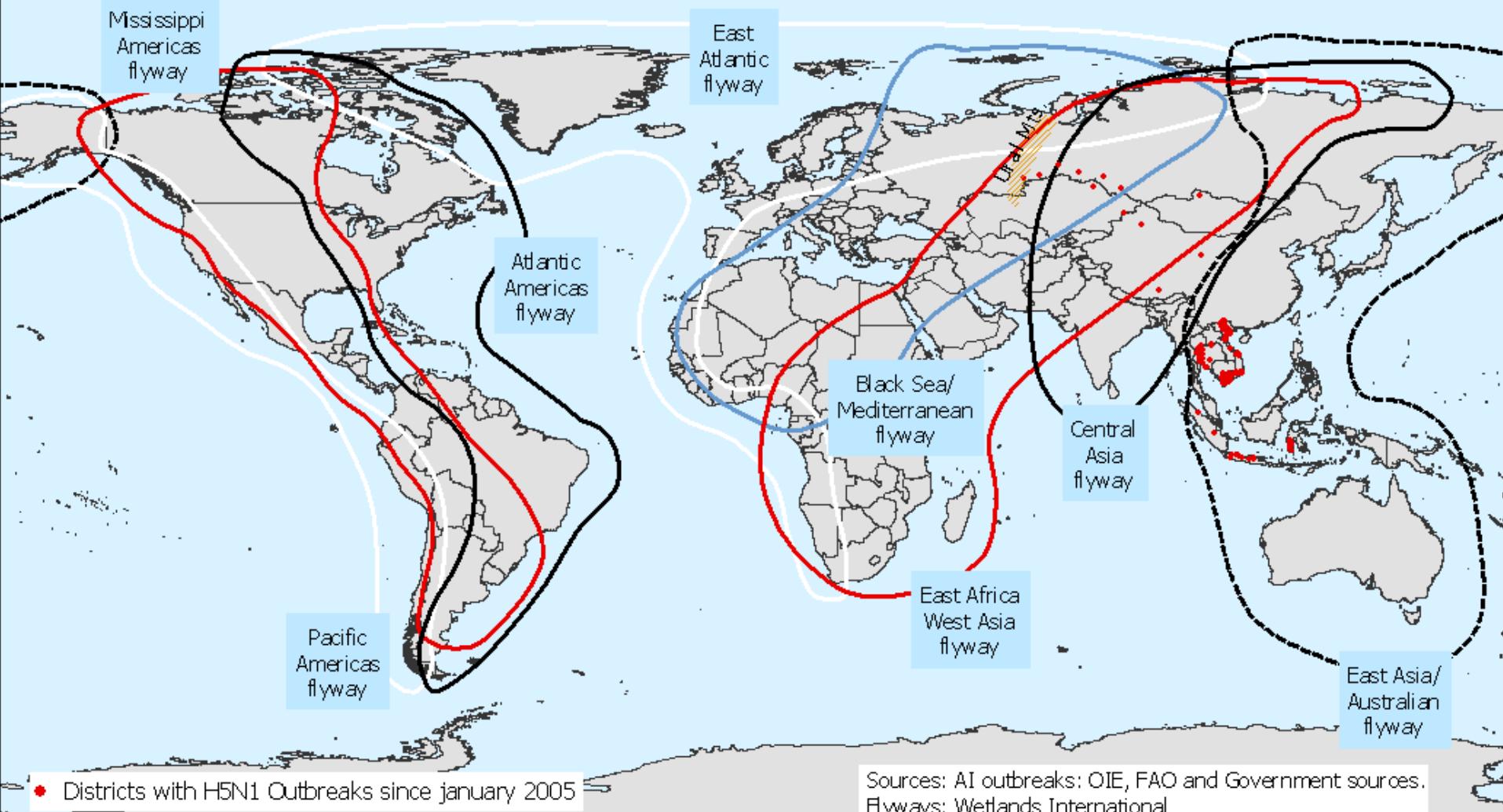


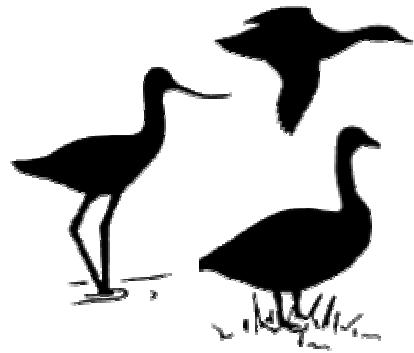
W.B. Karesh, 2005



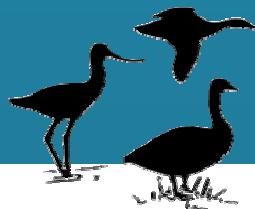
H5N1 outbreaks in 2005 and major flyways of migratory birds

Situation on 30 August 2005

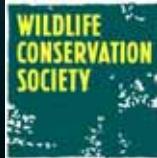
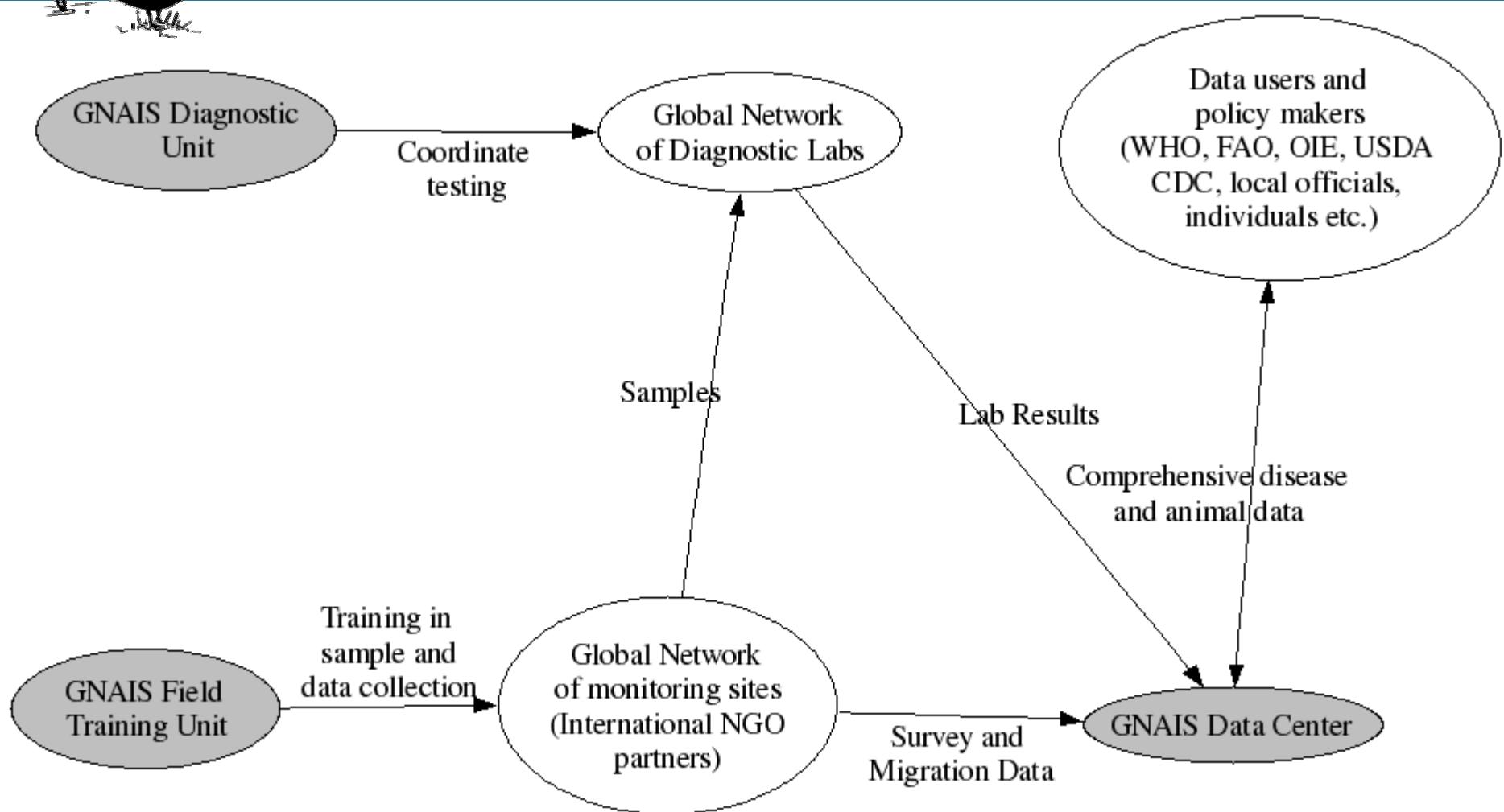




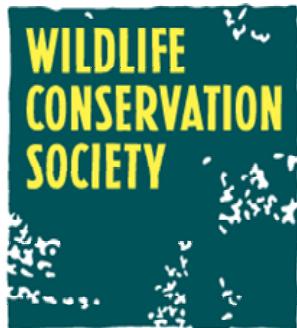
Global Network for Avian Influenza Surveillance



GNAIS in Practice



PRIVATE
INDUSTRY



bio-era



World Health Organization



The Bay and Paul Foundations



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