



Information received on 17/04/2020 from Dr Mark Davidson, Associate Administrator, USDA-APHIS, United States Department of Agriculture, Washington, United States of America

Summary

Report type	Follow-up report No. 1
Date of start of the event	27/03/2020
Date of confirmation of the event	04/04/2020
Report date	17/04/2020
Date submitted to OIE	17/04/2020
Reason for notification	Emerging disease
Morbidity	2 (scale 0 to 5)
Mortality	0 (scale 0 to 5)
Zoonotic impact	Zoonotic potential currently unknown
Causal agent	SARS-CoV-2/COVID-19
Related reports	Immediate notification (06/04/2020) Follow-up report No. 1 (17/04/2020) Follow-up report No. 2 (22/04/2020) Follow-up report No. 3 (29/04/2020)

Outbreaks	There are no new outbreaks in this report
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Epidemiology

Source of the outbreak(s) or origin of infection	Suspected human transmission
Epidemiological comments	17 Apr 2020 Update--One of the three previously reported exposed lions at a zoo was confirmed positive for SARS-CoV-2/COVID-19 on 15 Apr 2020. This follows the initial report of a tiger confirmed on 4 Apr 2020. It is likely that the infection was transmitted by an infected human. Clinical signs previously noted in the lions and tigers included dry cough and some wheezing. All of the animals who exhibited clinical signs are progressively improving. There are no other suspected cases of SARS-CoV-2/COVID-19 in any animals from the zoo at this time.

Control measures

Measures applied	Quarantine Disinfection Vaccination permitted (if a vaccine exists) No treatment of affected animals
Measures to be applied	No other measures

Diagnostic test results

Laboratory name and type	Species	Test	Test date	Result
National Veterinary Services Laboratories (National laboratory)	Lion	gene sequencing	15/04/2020	Positive
National Veterinary Services Laboratories (National laboratory)	Lion	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	15/04/2020	Positive

Future Reporting

The event is continuing. Weekly follow-up reports will be submitted.
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