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Subject: PRO/AH/EDR> COVID-19 update (433): animal, Colombia (AT) zoo, lion, OIE

Archive Number: 20211216.8700315

CORONAVIRUS DISEASE 2019 UPDATE (433): ANIMAL, COLOMBIA (ATLANTICO) ZOO, LION, OIE

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A ProMED-mail post

<http://www.promedmail.org>

ProMED-mail is a program of the

International Society for Infectious Diseases

<http://www.isid.org>

Date: Wed 15 Dec 2021

Source: OIE-WAHIS (World Animal Health Information System) 2021 [edited]

<https://wahis.oie.int/#/report-info?reportId=44584>

SARS-CoV-2 in animals (inf. with), Colombia

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Summary

Report type: immediate notification

Start on: 19 Oct 2021

Ended on: 22 Nov 2021

Confirmed: 20 Oct 2021

Reported: 14 Dec 2021

Reason for notification: emerging disease

Event morbidity (%): 33.33

Event mortality: -

Zoonotic potential: no

Diagnostic details: clinical, laboratory test

Causal agent: SARS-CoV-2

New outbreaks

Summary of outbreaks

Total outbreaks (1):

Outbreak location: Barranquilla, Atlántico

Started: 19 Oct 2021

Epidemiological unit: zoo

Total animals affected:

Species / Susceptible / Cases / Deaths / Killed and disposed of / Slaughtered or killed for commercial use / Vaccinated

Lion (\_Panthera leo\_): Felidae-Carnivora / 3 / 1 / 0 / 0 / 0 / 0

Affected population: a 17-year-old male individual belonging to the species *Panthera leo* was affected, presented nasal secretion on [19 Oct 2021] and was confirmed infected by SARS-CoV-2 on [22 Oct 2021].

#### Epidemiology

Source of the outbreak(s) or origin of infection: contact with a positive caregiver.

Epidemiological comments: it is suspected that the disease occurred through contact with the caregiver who tested positive for COVID 19, some days before the feline began to show symptoms.

Control measures at event level:

Wild control measures applied: movement control inside the country; disinfection; quarantine.

#### Diagnostic test results

Laboratory name and type / Species / Outbreaks / Test / Test result date / Result

Laboratorio de la Universidad Simón Bolívar (private laboratory) / lion / 1 / real-time multiplex polymerase chain reaction (real-time multiplex PCR) / 20 Oct 2021 / positive

[The location of the outbreak can be seen on the interactive map included in the OIE report at the source URL above.]

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[Infection by SARS-CoV-2 has been confirmed so far in carnivores of 6 families, canids (dogs and raccoon dogs), felids (cats, tigers, lions, puma/cougar, and snow leopard), mustelids (ferrets and minks), viverrids (binturongs), procyonids (coatimundis), and hyenids (hyenas). All wild carnivores that were diagnosed with COVID-19 were held captive at zoos, except for a free-ranging mink in Utah. Lions and tigers have been the ones most frequently reported infected, which may be due to their susceptibility but also because they are common at zoos. - Mod.PMB

ProMED map:

Barranquilla, Atlántico, Colombia: <https://promedmail.org/promed-post?place=8700315,809>

## See Also

COVID-19 update (423): animal, Denmark (SL) zoo, tiger, OIE 20211209.8700158

COVID-19 update (418): animal, Belgium, zoo, hippopotamus, 1st rep 20211206.8700102

COVID-19 update (413): animal, Canada, wild deer 20211202.8700020

COVID-19 update (409): animal, Croatia, zoo, lion, OIE 20211129.8699951

COVID-19 update (400): animal, sheep, research, experimental infection 20211121.8699806

COVID-19 update (395): animal, UK, dog, OIE 20211117.8699698

COVID-19 update (392): animal, USA, zoo, snow leopard, fatal 20211115.8699676

COVID-19 update (387): animal, Singapore, zoo, lion 20211112.8699622

COVID-19 update (381): animal, USA, zoo, hyena, 1st rep 20211108.8699526

COVID-19 update (364): animal, USA (IL) zoo, coatimundi 20211026.8699258

COVID-19 update (354): animal, USA, zoo, wild carnivore 20211018.8699125

COVID-19 update (348): animal, USA, zoo, snow leopard, fatal, susp 20211013.8699020

COVID-19 update (265): animal, USA, zoo, snow leopard 20210802.8563564

COVID-19 update (254): animal, USA, zoo, snow leopard 20210726.8545843

COVID-19 update (230): animal, USA, zoo, vaccination 20210705.8496776

COVID-19 update (197): animal, India, zoo lion, fatal 20210607.8430529

COVID-19 update (159): animal, India, zoo, lion 20210504.8344580

COVID-19 update (33): animal, Sweden, zoo, tiger, lion 20210125.8134087

COVID-19 update (13): animal, USA, zoo, gorilla 20210112.8095510

2020

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COVID-19 update (538): USA, animal, zoo, snow leopard 20201214.8017000

COVID-19 update (536): animal, USA (UT) wild mink, 1st case 20201213.8015608

COVID-19 update (525): Spain, animal, zoo, lion, human 20201208.8002466

COVID-19 update (469): USA (TN) zoo, tiger 20201104.7915683

COVID-19 update (356): South Africa (GT) animal, puma, zoo, OIE 20200813.7673666

COVID-19 update (143): USA (NY) animal, zoo, tiger, lion, tests 20200430.7284183

COVID-19 update (141): India, animal, wild tiger, susp, clarification, RFI 20200430.7281768

COVID-19 update (138): India, animal, wild tiger, fatal 20200428.7275765

COVID-19 update (135): Netherlands (NB) animal, farmed mink 20200427.7272289

COVID-19 update (130): USA (NY) zoo, tiger, lion, new cases 20200425.7266556

COVID-19 update (85): USA (NY) tiger, OIE 20200406.7191480

COVID-19 update (84): USA, tigers 20200406.7191352

COVID-19 update (76): China (HU) animal, cat, owned, stray, seropositive 20200403.7179946

COVID-19 update (75): China (Hong Kong) cat, OIE 20200403.7179945

COVID-19 update (70): China (Hong Kong) cat, pets & stock 20200402.7173286

COVID-19 update (58): Belgium, cat, clinical case, RFI 20200327.7151215

COVID-19 update (57): global, re-using PPE, DR Congo, more countries, WHO 20200327.7149046

COVID-19 update (56): China (Hong Kong) animal, dog, final serology positive 20200326.7146438

COVID-19 update (45): China (Hong Kong) animal, dog, 2nd case PCR positive 20200319.7112693

COVID-19 update (37): China (Hong Kong) animal, dog, prelim. serology negative 20200312.7081842

COVID-19 update (30): China (Hong Kong) dog, susp, serology pending 20200306.7057595

COVID-19 update (25): China (Hong Kong) dog, susp, OIE 20200302.7040373

COVID-19 update (22): companion animals, dog susp, RFI 20200229.7036661

COVID-19 update (17): China, animal reservoir, wildlife trade & consumption 20200225.7024245

COVID-19 update (11): animal reservoir, intermediate hosts, pangolin susp 20200220.7009213

COVID-19 update (08): companion animals, RFI 20200218.7002276

COVID-19 update (06): animal reservoir, intermediate hosts 20200217.6997782

Novel coronavirus (42): China, global, COVID-19, SARS-CoV-2, WHO 20200211.6979942

Novel coronavirus (40): animal reservoir, pangolin poss intermediate host, RFI 20200210.6972104

Novel coronavirus (28): China (HU) animal reservoir 20200201.6943858

Novel coronavirus (22): reservoir suggested, bats 20200129.6930718

Novel coronavirus (20): China, wildlife trade ban 20200127.6922060

Novel coronavirus (18): China (HU) animal reservoir 20200125.6915411

Novel coronavirus (15): China (HU) wild animal sources 20200123.6909913

Novel coronavirus (03): China (HU) animal reservoir suggested, RFI 20200114.6887480

Novel coronavirus (01): China (HU) WHO, phylogenetic tree 20200112.6885385

Undiagnosed pneumonia - China (HU) (07): official confirmation of novel coronavirus 20200108.6878869

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