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Subject: PRO/AH/EDR> COVID-19 update (284): Denmark (ND) animal, farmed mink, spread, dog

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CORONAVIRUS DISEASE 2019 UPDATE (284): DENMARK (NORTH JUTLAND) ANIMAL, FARMED MINK, SPREAD, DOG

A ProMED-mail post

<http://www.promedmail.org>

ProMED-mail is a program of the

International Society for Infectious Diseases

<http://www.isid.org>

[1]

Date: Mon 22 Jun 2020

Source: Danish Ministry of the Environment and Food: Notice of COVID-19 in fur animals, BEK No. 926 [in Danish, machine trans., abridged, edited]

<https://www.retsinformation.dk/eli/lta/2020/926>

The purpose of this executive order is to ensure that, in connection with suspected COVID-19 in fur animals, the Danish Veterinary and Food Administration may take samples and monitor the prevalence of COVID-19 in fur animals and introduce infection prevention measures.

a. Mandatory notification

1. Anyone who, in his custody, has fur animals [see comment] where one or more fur animals are or can be suspected of being infected with COVID-19 shall call a veterinarian. A veterinarian can be called when, for example, the fur animal presents symptoms such as diarrhea, vomiting, respiratory symptoms, or elevated temperature.

2. Anyone who, in his custody, has fur animals suspected of being infected with COVID-19 as a result of contact between fur animals and people who have been recognized as COVID-19 patients should contact the Food Authority.

3. If a veterinary surgeon suspects the presence of COVID-19 in a fur animal in connection with his/her work, the veterinarian must immediately notify the Danish Veterinary and Food Administration and, following his instructions, take and submit material for examination at the national reference laboratory.

4. When detecting COVID-19 in fur animals, veterinarians and employees of diagnostic laboratories must contact the Danish Veterinary and Food Administration.

b. Screening

1. At the request of the Danish Veterinary and Food Administration, the owner or user of a fur farm must let the Danish Veterinary

and Food Administration collect and submit samples of relevant material from the fur animals or the surroundings of the fur animal for examination for COVID-19.

2. The owner or user shall assist the Danish Veterinary and Food Administration with the above sampling.
3. The Danish Veterinary and Food Administration may test samples that were collected for other purposes for COVID-19.
4. Results from the studies referred to in paragraph 1 or paragraph 3 will be used to map the prevalence of COVID-19 in fur animals.
5. The above-mentioned tests may be included in research projects concerning COVID-19.

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[According to the definitions section (not copied), "fur animals" in the Order mean "mink and ferrets."

The above articles have been selectively copied from the official legislative notice, which turns COVID-19 in farmed minks into a notifiable disease in Denmark, similar to the measures undertaken in the Netherlands. Other countries in which mink farming is practiced may consider acting similarly in line with One Health policy, as well as with OIE's recommendations.

The world's leading mink-farming countries are Denmark, China, the Netherlands, Poland, and the USA. - Mod.AS]

[2]

Date: Sat 20 Jun 2020

Source: Press release, Danish Ministry of the Environment and Food [in Danish, machine trans., edited]

<https://mfvm.dk/nyheder/nyhed/nyhed/regeringen-igangsaetter-testprogram-efter-nyt-covid-19-fund-i-danske-mink/>

According to Food Minister Mogens Jensen, the discovery of COVID-19 in Danish mink has created a need for a greater overview of the occurrence of the virus in mink. Therefore, the government is launching a new screening strategy.

The Danish Veterinary and Food Administration has detected COVID-19 in 2 minks, out of 46 samples collected by officials of the Danish Veterinary and Food Administration, in a farm in North Jutland on Thursday [18 Jun 2020]. The tests were applied by the State Serum Institute.

This means that the authorities have now found COVID-19 in 2 Northern Jutland mink herds in one week. Since only a few of the animals tested COVID-19 positive in the latest mink farm, the National Board of Food will conduct several tests on Monday [22 Jun 2020] to have a better basis for deciding what to do with the crew.

- The government has decided that the Danish Veterinary and Food Administration is now launching a screening of 120 mink herds across the country. The screening should show us whether the 1st findings were isolated cases, or whether there was a more widespread infection in the mink herds. The Danish Veterinary and Food Administration will use the results in the further handling of COVID-19 among animals and humans, says Mogens Jensen.

The health authorities are also aware of the situation.

- We are following developments closely. The National Serum Institute and the food authorities work together under high pressure to gain more knowledge about how the chains of infection move in the area. We are ready for further action. At present, it is still unclear whether the minks have infected the people or vice versa, says Health Minister Magnus Heunicke.

Infected dog

Veterinary and Food Administration has also found COVID-19 infection in a family dog [on the 1st infected farm]. Worldwide, some pets have been found with COVID-19, but this is the 1st case in Denmark.

- Therefore, the owner of the mink farm has been told that they should treat the dog according to the same recommendations that they themselves have been given in relation to COVID-19. This means that they and the dog must avoid close contact with other animals and people outside the household and maintain good hygiene, and the dog must only be ventilated on the mat, says Mogens Jensen.

The research has found no evidence that pets play a greater role in the spread of COVID-19. Dog and pet owners, therefore, should follow the same guidelines that apply to humans generally. On the Food Authority's website, one can read more about how to behave (<https://www.foedevarestyrelsen.dk/Leksikon/Sider/Coronavirus-og-k%C3%A6ledyr.aspx>).

The Board of Food maintains the restrictions imposed on the farm on Thursday [18 Jun 2020]. Thus, no animals and only a few people are allowed in and out of the herd.

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[The 1st Danish outbreak was reported to the OIE on 17 Jun 2020 (see 20200617.7479510). It would be interesting to note if the Danish authorities address cats on the premises of infected mink farms, as done by the Dutch authorities.

So far, the following OIE member countries have been keeping the OIE updated on any investigations or outcomes of investigations in animals:

Animal surveillance in China: China update (5 Feb 2020)

SARS-CoV-2-positive test results in dogs in Hong Kong: follow-up report no. 1 (9 Mar 2020), follow-up report no. 2 (16 Mar 2020), follow-up report no. 3 (23 Mar 2020)

SARS-CoV-2-positive test result in a cat in Belgium (28 Mar 2020)

SARS-CoV-2-positive test result in a tiger (6 Apr 2020), a lion (17 Apr 2020), and a dog (3 Jun 2020) in the USA

SARS-CoV-2-positive test result in 2 domestic cats in the USA (22 Apr 2020), follow-up reports (latest, 10 Jun 2020)

SARS-CoV-2-positive test result in 2 mink farms in the Netherlands (26 Apr 2020), situation update 1 (15 May 2020), situation update 2 (9 Jun 2020)

SARS-CoV-2-positive test result in 2 domestic cats in France: 1st (2 May 2020) and 2nd (12 May 2020)

SARS-CoV-2-positive test result in domestic cats in Spain: 1st (11 May 2020) and 2nd (8 Jun 2020)

SARS-CoV-2-positive test result in a domestic cat in Germany (13 May 2020)

SARS-CoV-2-positive test result in a domestic cat in Russia (26 May 2020)

SARS-CoV-2-positive test result in a mink farm in Denmark (17 Jun 2020)

To access the URLs of the above OIE reports, please look under "Findings in animals" at <https://www.oie.int/en/scientific->

expertise/specific-information-and-recommendations/questions-and-answers-on-2019novel-coronavirus/. - Mod.AS

HealthMap/ProMED-mail maps:

Denmark: <https://promedmail.org/promed-post?place=7506728,111>

North Jutland, Denmark: <https://promedmail.org/promed-post?place=7506728,16381>

See Also

COVID-19 update (281): Netherlands (NB, LI) farmed mink, spread, animal, global 20200623.7502849
COVID-19 update (280): animal, pangolin, research 20200623.7502805
COVID-19 update (267): animal, domestic, wild, cat, research 20200617.7480013
COVID-19 update (266): Denmark (ND) animal, farmed mink, 1st rep 20200617.7479510
COVID-19 update (251): Netherlands (NB, LI) animal, farmed mink, spread, culling 20200610.7453845
COVID-19 update (248): Netherlands (NB, LI) animal, mink, spread, culling, cat 20200609.7446478
COVID-19 update (238): USA (MN) animal, cat 20200605.7429133
COVID-19 update (236): Netherlands (NB, LI) animal, farmed mink, spread, culling 20200604.7427849
COVID-19 update (231): USA (NY) animal, dog conf. 20200602.7420541
COVID-19 update (230): Netherlands (NB, LI) animal, farmed mink, spread, control 20200602.7420433
COVID-19 update (227): animal, cat, dog, research, experimental infection 20200601.7416648
COVID-19 update (215): Netherlands (NB) animal, mink-to-human, epidem., control 20200527.7385049
COVID-19 update (212): Russia (Moskva) animal, cat, OIE 20200526.7379578
COVID-19 update (209): Netherlands (NB) farmed mink, animal-to-human, cat, epid 20200525.7375359
COVID-19 update (198): Netherlands (NB) farmed mink, animal-to-human infect susp 20200520.7359976
COVID-19 update (189): Netherlands (NB) animal, farmed mink, research, cat, dog 20200517.7344274
COVID-19 update (183): Japan/USA, animal, research, cat, experimental infection 20200514.7337185
COVID-19 update (181): Germany (BY), France (AC), cat, OIE animal case definition 20200513.7332909
COVID-19 update (177): Netherlands (NB) animal, farmed mink, Spain (CT) cat susp 20200512.732858
COVID-19 update (174): Netherlands (NB) animal, farmed mink, comment 20200511.7323845
COVID-19 update (169): Netherlands (NB) animal, farmed mink, spread, rabbit susp 20200509.7316646
COVID-19 update (154): Netherlands (NB) animal, farmed mink, research 20200503.7294846
COVID-19 update (146): Netherlands (NB) animal, farmed mink, epidemiology 20200501.7286113
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) animal, zoo, tiger, lion, new cases 20200425.7266556
COVID-19 update (124): USA (NY) animal, cat, lion, OIE 20200423.7259119
COVID-19 update (123): USA (NY) animal, cat, conf 20200422.7256272
COVID-19 update (113): USA (NY) cat, animal, susp, RFI 20200418.7240811
COVID-19 update (88): Germany, animal, research, pig, chicken, bat, ferret 20200407.7196506
COVID-19 update (85): USA (NY) animal, tiger, OIE 20200406.7191480
COVID-19 update (84): USA animal, tiger 20200406.7191352
COVID-19 update (76): China (HU) animal, cat, owned, stray, seropositive 20200403.7179946
COVID-19 update (75): China (Hong Kong) animal, cat, OIE 20200403.7179945
COVID-19 update (70): China (Hong Kong) animal, cat, pets & stock 20200402.7173286
COVID-19 update (58): Belgium, animal, cat, clinical case, RFI 20200327.7151215
COVID-19 update (56): China (Hong Kong) animal, dog, final serology positive 20200326.7146438
COVID-19 update (50): China (Hong Kong) animal, dog, 2nd case PCR positive, OIE 20200323.7129951
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) animal, dog, susp, serology pending 20200306.7057595
COVID-19 update (25): China (Hong Kong) animal, dog, susp, OIE 20200302.7040373
COVID-19 update (22): companion animal, 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 animal, RFI 20200218.7002276
COVID-19 update (06): animal reservoir, intermediate hosts 20200217.6997782
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
Undiagnosed pneumonia - China (05): (HU) novel coronavirus identified 20200108.6877694
Undiagnosed pneumonia - China (03): (HU) updates, SARS, MERS ruled out, WHO, RFI 20200105.6872267
Undiagnosed pneumonia - China (01): (HU) wildlife sales, market closed, RFI 20200102.6866757
2019

Undiagnosed pneumonia - China: (HU) RFI 20191230.6864153

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