

# WILDHEALTH MOOSE FIELD FORM 2019

Name of the head of the hunting team.....

Tel n° of the head of the hunting team.....

<b>DATE</b>		<b>LOCALITY</b>			<b>GPS</b>			<b>ID N°</b>						
<b>TIME SHOT</b>		<b>TIME SAMPLE</b>			<b>AMMUNITION</b>									
<b>SEX</b>		<b>AGE</b>			<b>TOTAL BODY LENGTH (M)</b>			<b>BODY CIRCUMFERENCE (M)</b>						
<b>SKIN</b>	<b>LUNG</b>	<b>LIVER</b>	<b>BLOOD</b>	<b>FECAL</b>	<b>SKIN PARASITES</b>					<b>GUT PARASITES</b>				
					<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
					NO		USUAL		MANY	NO		USUAL		MANY
<b>BODY CONDITION</b>														
			<b>1</b>	<b>2</b>				<b>3</b>	<b>4</b>				<b>5</b>	
			Skinny					normal					fat	
<b>COMMENTS</b>														

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<b>TIME SHOT</b>		<b>TIME SAMPLE</b>			<b>AMMUNITION</b>									
<b>SEX</b>		<b>AGE</b>			<b>TOTAL BODY LENGTH (M)</b>			<b>BODY CIRCUMFERENCE (M)</b>						
<b>SKIN</b>	<b>LUNG</b>	<b>LIVER</b>	<b>BLOOD</b>	<b>FECAL</b>	<b>SKIN PARASITES</b>					<b>GUT PARASITES</b>				
					<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
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			Skinny					normal					fat	
<b>COMMENTS</b>														

Thank you for taking part in the **Wildhealth** project. The aim of the project is to understand the variation in skin/lung and gut microbiota in mammals living in different environmental conditions, and to correlate health (body condition and parasitism), microbiota and living environment. The skin, lung and fecal should be sampled as clean as possible to avoid contamination by human microbiota or environmental bacteria. Tubes and swabs are provided. Please **always wear clean gloves** (provided). Please, **transfer all samples to a freezer as soon as possible**.

## INSTRUCTIONS

detailed information



**DATE:** date the animal was shot

**LOCALITY:** name of the locality where the hunting took place

**GPS:** GPS coordinate of the place where the moose was shot

**ID N°:** Animal identification number: Initial of the head of hunting team and a running number. For instance for Frederick Stenbacka's team, the numbers will be FS1, FS2... The same number will be on all samples from the same animal. Tubes are provided, they contain a DNA preservative.

**TIME SHOT:** time when the animal went down

**TIME SAMPLE:** time when the samples were taken

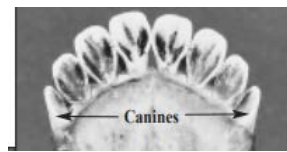
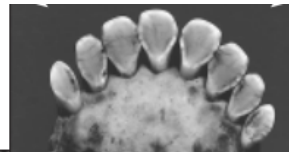
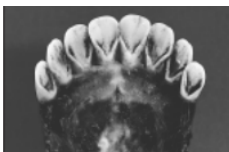
**Ammunition used:** lead, copper or other

**SEX:** M for male, F for female

**AGE:** Adult: all incisors in their final position. Wear is visible.

Calf: with only incisors, no canines

Juvenile (Yearling) canine and incisors. Canine teeth may still be rotating



<https://www.all-about-moose.com/support-files/aging-moose-by-teeth.pdf>

**TOTAL BODY LENGTH (BL):** from the tip of the nose to the tail

**BODY CIRCUMFERENCE (BC):** after the foreleg, at thorax level

**SKIN:** Swab thoroughly the armpit skin. Break the stick and put the swab in a tube. Sample with clean gloves. Tick the box when the sample is taken.

**LUNG SAMPLE:** Sample a small piece of lung with clean gloves and clean scalpel. Tick the box when the sample is taken.

**FECAL SAMPLE:** Sample 1-2 pellets from the rectum with clean gloves. Tick the box when the sample is taken

**LIVER:** No clean gloves needed. Tick the box when the sample is taken

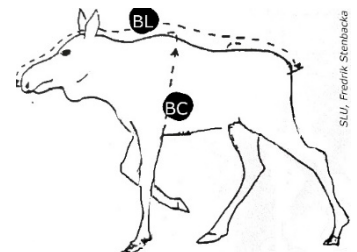
**BLOOD:** Sample the heart clot with clean gloves. Tick the box when the sample is taken

**SKIN PARASITES:** (ticks, fleas, mite, moose flies and lice) circle your answer: 1: no parasite, 2: 0-12% of the skin is infested by parasites, 3: 12-25% of the skin is infested by parasites, 4: 25-50% of the skin is infested with parasites, 5: more than 50% of the body is infested with parasite

**GUT & LIVER PARASITES:** circle your answer 1 (no parasite seen after 5 random gut and liver cuts) to 5 (intense parasitism: you can see parasite from each 5 random gut and liver cuts)

**BODY CONDITION:** circle the good answer: 1: skinny moose, 3: normal moose, 5: fat moose

**COMMENTS:** All observations on health or parasitism: Fibroma, papilloma, other tumours, Injuries, abnormal behavior



SLU, Frederick Stenbacka