

# REINDEER

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Chapter 1

Food

Part 1

Basics

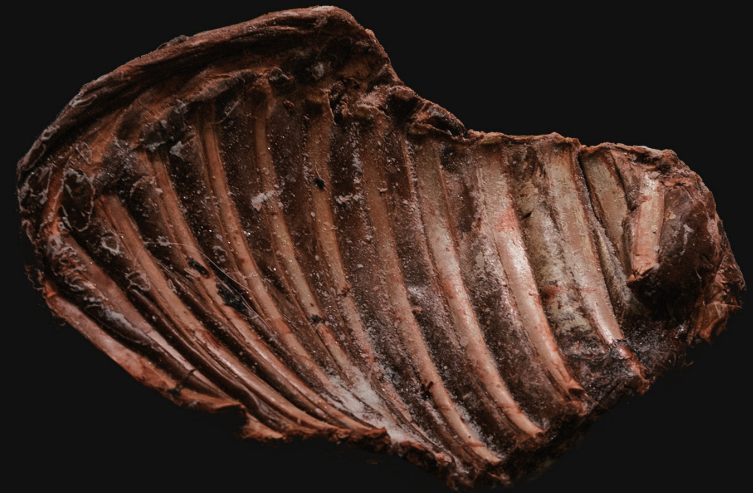
Frozen meat

rib

To store, preserve and be ready for being exported,  
meat is frozen.

It used to be done outside, but freezer is a major tool nowadays.

Herding is never frozen,  
which is changing always, by nature or human.



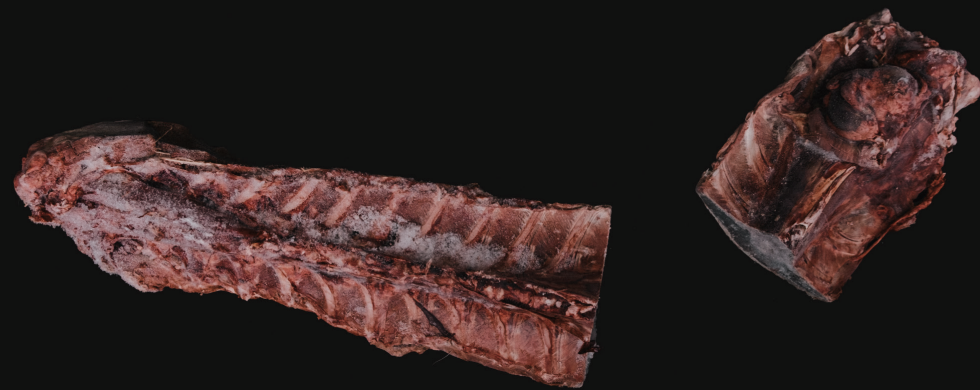
## Frozen Meat

saddle

Fat bulls are often targets in slaughtering season.

Their lives are devoted to human.

Their territory is exploited by human.



## Frozen Meat

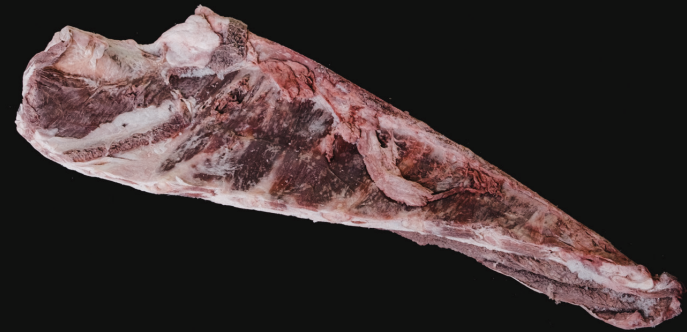
front

Every herder says to me that reindeer meat is as healthy as fish.

It is true.

Scientists proved that as data.

We can never figure out the beauty of their territory as data.



## Frozen Meat

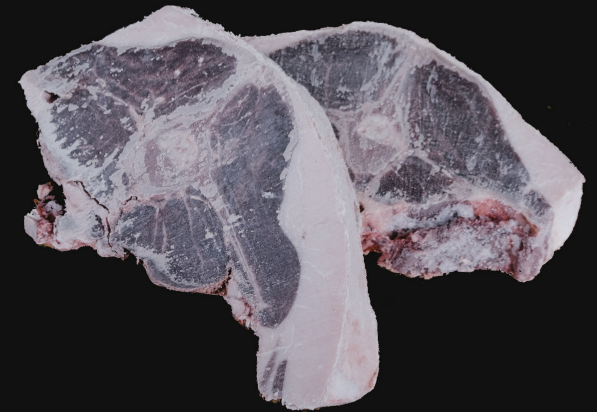
back chop

High proteins, low fat.

Reindeer meat is healthy.

Higher temperature, lower stability.

The pasture is unhealthy these days.



## Frozen Meat

front

'This is the best part of reindeer meat.'

Today is a special day.

This meat had been waiting for today.

What is the future waiting for them?





## Frozen Heart

heart

It burns my hands as it is too cold.  
Reindeer burns our heart.  
Because they are cute? or they are Rudolph?  
Because  
they tell us the beauty of the Arctic.



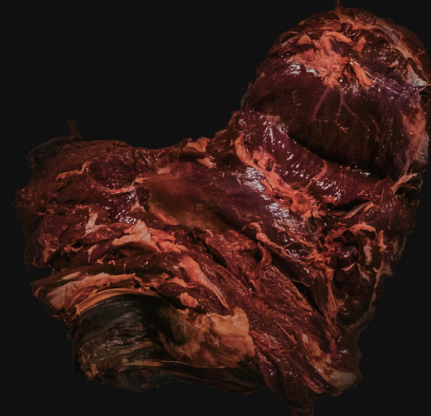
Meat

back leg

Reindeer meat contains a lot of vitamins.

Here, vegetables can not grow.

Nature is well-organised more than computers.



## Intestines

intestines

This is used for blood sausages.  
We have to prepare dinner for 12 people.  
This is long enough.  
Winter this year is not cold enough.



Blood

blood

It must have been warm.

They do not waste it.

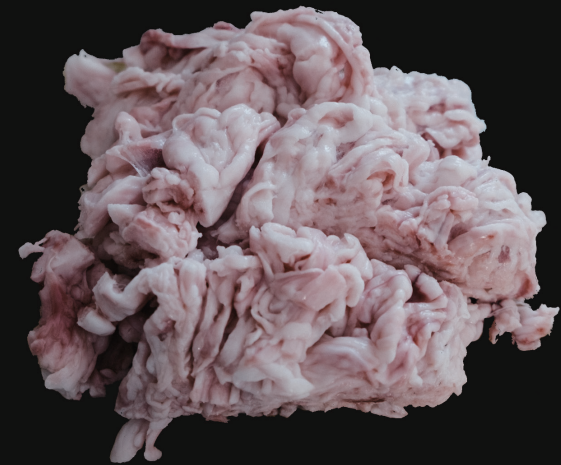
They waste sometime to discuss about their lands with someone,  
whose blood must be cold.



Fat

fat

This surrounded stomach.  
Reindeer surrounded by nature,  
sometimes, by roads.



## Stomach

stomach

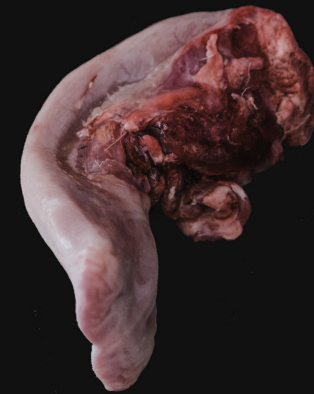
Reindeer has several stomach like a cow.  
This is one of them.  
Their life is totally different from cows though.  
They walk for a long distance in the Arctic.



## Tongue

tongue

Reindeer does not speak.  
But, they tell us about the Arctic  
by their existence.  
Not only about Christmas,  
but also about vulnerability of them.



Bone

bone

This is for the dog,

She always plays with this,  
chewing, hiding under the snow, picking from the snow etc.  
even when I was staring the dancing lights in the dark sky.





Part 1

Basics

### Packed Meat

chopped meat, plastic, paper

Meat is exported to various places, not only in the North, but also to the South,  
such as Oslo, London, New York etc.

Not only within pastures,  
they could travel for far more,  
although we can not see their face.



Packed Meat

steak, plastic

These products arrive in winter, around in January, at markets.

They do not bring Christmas gifts,  
they bring us themselves,  
with the taste and time, which is special.



## Packed Meat

sirloin, plastic, paper

We can find reindeer meat at supermarkets,  
through a year as long as they have stock.

'How do you decide when you go to winter cabin on the mountain?' I asked,

he answered,

'Hmm, it depends on time.'



Packed Meat

chopped meat, plastic

There are two types of herded reindeer:  
on tundra and in forests.

There are many invaders in the pastures,  
both on tundra and in forests.



## Packed Dried Meat

meat, salt

Herders have it to survive in a mountain.

It provides rich protein and is an important source of their energy.

There,

power plants exploit their pasture.



Packed Dried Sausage

meat, pork lard, salt, pepper, flavor enhancer, color stabilizer

It is almost a half price of the one sold in the South.

'That is an only thing we can buy at cheap price at supermarkets.'

He was laughing.



Packed Dried Sausage

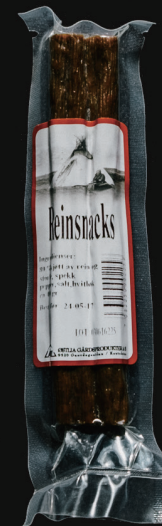
meat, beef, pepper, salt, garlic

It is sold at the airport in the Arctic.

Just next to chocolates.

Souvenir from the Arctic.

How can we know their life from this?





Packed Dried Heart

heart, salt

My foot is going down in lichen covered ground.

Deep roots of lichens and plenty of water.

People who have dry heart would be drown here,  
in natural resources.



Packed Meat

broth meat

'We also process reindeer and sell it locally or through Facebook.'

His eyes was sparkling.

He is not afraid of anything,  
even though modernity change their life fast.



Packed Smoked Meat

meat

It was foggy outside.

They were at home, working with computer for their business.

It would be 'White Out' on the mountain.

Can not see anything.



Packed Smoked Meat

leg

Packing to keep the aroma of smoke.  
CO2 is packed in the Arctic.



Part 3

Cooking

## Steak

meat, salt, pepper, herbs, butter, cream sauce, lingon berry sauce,

Meat sautéed in a pan with cream and berry sauce.

It was a special dinner.

Spending time with family or friends,

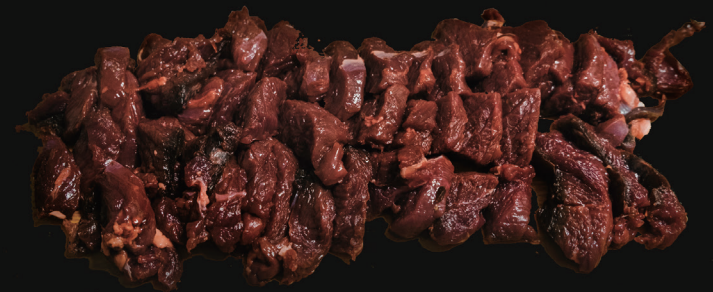
like herders family's ordinary.



## Chopping Meat

back leg

'The best part of reindeer meat is back leg,  
for me.' He said.  
For me, the best part is here,  
on the mountain,  
no house, no road, no one.



### Stew

chopped meat, vegetables, cream sauce,

Reindeer meat is good with cream.

This is easy to cook actually.

We can buy cream sauce at supermarkets.

As our life become easier, the life of reindeer become harder.





Smoked Heart

heart

'I like it though, do you like it?'

She was putting it on a piece of bread with butter.

Is it strange?

No. I am a stranger.



Salting Meat

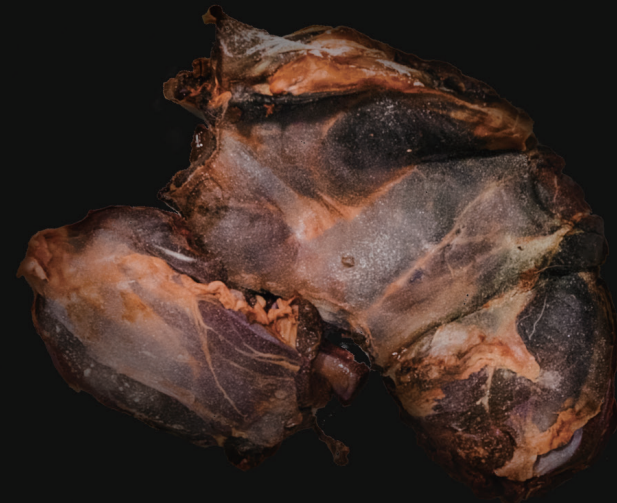
back leg

This will be left for one or a few weeks.

'Wait for me.

Do not leave us in the modern world.

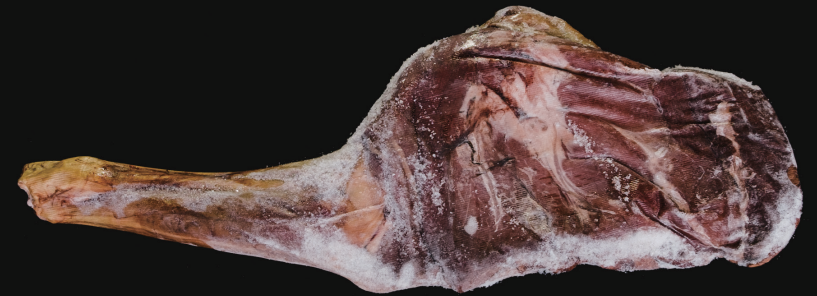
Let us be here.'



## Smoked Frozen Meat

back leg

I can smell the flavour of smoke even though it is frozen.  
Reindeer can smell food even though it is far from them.  
They carefully looked at hay on the back sledge of his snowmobile.



Drying Smoked Meat

back leg, plastic net

Hanging at the back yard.

Being wrapped to avoid birds.

Like veiling nature

which is often attacked by human.



Dried Smoked Meat

back leg

Smoked with birch tips.

Smoke from nature.

Smoke in the pasture from construction.



## Washed Stomach

stomach

First, thaw frozen internal organs. Second, let inside out and wash it well.

Then, back it as the first position.

The shape become different from the original one.

Like as it is almost impossible to be back the life in the past.



Blood in intestines

blood, flour, salt, papper, herbs, intestines

The mother learned how to cook blood sausages  
from her grandmother.

She does not herd reindeer anymore today.  
Now, it is their turn.



### Blood sausages

blood, intestine, flour, salt, pepper, herbs

It was a home party with family and friends.

Lots of food, talk and laugh.

Here, in the Arctic, is actually warm.





Minced Fat

fat

This will make meal good.  
But you have to mince it well first.  
The sound of mixer makes me deaf.  
It is different when I am on the mountain with no sounds though.



Ingredients for Blood meal

blood, fat, flour, salt, pepper, herbs

The sign that it is ready is to stand a ladle itself.

It is the sign of coming spring that reindeer come down to the bottom of the mountains.

This year we already saw it on March.



### Boiled Blood

blood, flour, fat, salt, pepper, herbs

Would you like to have it with honey?

Life in the Arctic is sugarless.



### Blood Sausages

blood sausages, boiled blood, boiled front meat, honey, lingon berry sauce, vegetable, potato

The mother pours blood in intestines and boil it.

This is a tradition of herders.

The sky drops rain to the ground and make snow icy.

This is a recent trend in the Arctic.



### Blood Pancakes

blood, flour, milk, egg, suger, butter

Also good with berry sauce.

'Bitter sweet'.

It can describe for their life.

Like 'painful calm'.



Hamburger pate

minced meat

Experimenting new reindeer dish

as a casual food,

such as for young generation.

They are the key for future.

Reindeer need the key for future.



Hamburger pate

minced meat, butter

We made seven pates.

I was about to take the second one.  
But I do not want to take the second bans  
which is from a supermarket.  
I ate only the pate.



## Hamburger

minced meat, buns, vegetables, hamburger sauce

The Arctic Hamburger.

Of course, that is warm.

The atmosphere at home make it even more warm.

It was brewing over the window.





## Marrow

bone

This is called the best part of reindeer.  
Not only the taste but also that rich nutrition.  
The texture is soft and smooth like pudding or tofu.  
So it is fragile,  
same as their life.



Chapter II

Clothes & Tools

Part 1

Basics

## Antler

antler

Reindeer fall their antler and grow new one every year.

It grows quickly.

One of their reindeer died a few years ago,  
because the reindeer fell down in the gap between the hill and the lake  
created by hydro power production.



Skin

skin

He put it on the back seat of his snowmobile.

It would definitely help.

I sat on that luxury seat.

That day, it was brewing on the mountain.

It was hard even to breath the air.



Skin

front leg

Be careful not to make a hole when you scratch it.

She would cry if it happens.

We often realise the value,

when we lost it.



Skin

back leg

Here, there is a leg skin, she already dried.

This is still hard, so we have to scratch it.

Reindeer pastures have been scratched by modernization.



Part 2

Now & Then



Boots

skin, yarn

The mother made this for her son.

It was around 15 years ago.

'I used this several times and also have tried snow boarding with it'

This still looks well.



## Boots

skin, yarn

Pointed toes are for hooking ski boards.  
Reindeer skin does not get wet on snow ground.  
So, this is perfect for skiing.  
But it is not a necessity anymore for herders.  
They might need skating shoes today.



### Summer Boots

leather, yarn, rubber

She had to wear this in Trondheim on February.  
Because of asphalt roads.  
'I was freezing, but I could not wear winter boot.'  
It is too vulnerable for hard material and rain,  
like their pasture.



Needle Set

steel, felt

This is for sewing skins.

You can see that the end of these are flat.

This winter, temperature is extremely fluctuated.

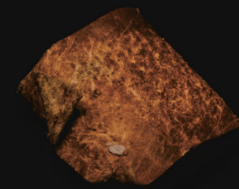
Can we see the end of climate change?



Thimble

leather

It is small, but necessary, crucial.  
We often discuss large things,  
forgetting about something important,  
which is often small.



Ribbon loom and Shuttle

antler, bone

It looks very complicated.

But, no, you can just follow this pattern instruction.

Their life is simple,  
following the nature.

It is not easy though.



## Shuttle

antler

If it is long, it is made from antler.  
If it is short, it is from leg bone,  
Because their leg is short.  
They run very fast with their short legs,  
for escaping from their predators  
or vehicles.



Dried Bark

birch

This is for making leather.

It is used for colouring and softening skin.

They use nature.

Today, we take resources from nature,  
destroying nature.





Scratching Stick

wood, steel

'Hmm, once a year, usually, it needs a lot of work.'

She done it by herself,  
even though she can sell it to a factory.

Why?

That is a tradition.



Leather

front leg

Sorry, I have to go for ice fishing today.  
Can you do it by yourself?  
Of course, the life is up to the weather,  
which is unstable, here.  
We forget the weather at a supermarket.



Pouch

skin, felt, yarn

He made this when he was 13.  
It is hang on the wall like a picture.



Key Fob

skin, felt, yarn

This is also made by him when he was young.

He can do anything,  
sewing, cooking, herding etc.  
Because there are reindeer.



Gloves

skin, yarn

You should wear this unless you have really good one.

Otherwise, your hands would be freeze  
while you ride on a snowmobile.



Winter Coat

skin, felt, yarn

It is 40 years old.

This is the father's,

he uses it only sometimes.

Although it has a moth-hole,  
it is impossible to throw it away.



Part 3

Artefacts

Knife & the Case

antler, skin, birch

This is too beautiful for work.

He was laughing.

'I also had a knife, which has an antler parts,  
but it was broken.'

I have never broken a knife in my life.





Milking Cup

antler, birch

Reindeer had been milked before.  
These cups has been still made,  
not for milking anymore,  
not for just tourists,  
for a collection.



Milk Cup

antler, birch

He had a one, hanging on his belt.  
It had been used for drinking fresh water from the river.  
Today, he has lost it and uses plastic bottle.  
He hasn't lost fresh water from the river,  
for now.



Spoon

antler

There is an old story in Finnish Lapland,  
the Sami man made an antler spoon and give it to the woman  
to show his love for her,  
Today, spoons are often displayed in museums  
like promising eternity.



Salt Container

antler, birch

Did you say that you want this, right now?

You can not buy this at souvenir shops.

It would be too expensive.

This is in a museum.



Butter Case

antler, birch

Looks like a japanese traditional lunch box.  
Instead of putting rice,  
they put butter for lunch on the mountain in the past.

They?  
Or their ancestors.



### Collar

skin, felt, tin thread

Some of forest reindeer herders uses it.

Does it look like a cow or a pet?

Reindeer is 'herded'.

It is different from cows.



### Sewing Kit

antler, birch, steel, leather

Beautiful clothes are from beautiful tools.

Tradition has been inherited,  
with or without the tools.



Ribbon loom and Shuttle

antler

She has a one at home,  
still uses for making clothes.  
This is in a glass case at a museum.





Hand Bag

skin, roots, yarn

Is this special?

It would be fit with modern clothes too.

Yes, it is special.

It is a handmade and from reindeer, the nature.

It used to be ordinary in the past.



## Leggings

skin, yarn, felt

Leggings are made from reindeer legs.

It is not for imitation, because of the function.

Life of reindeer herding can not be copied at other places.



## Hat

skin, roots, yarn

It was usual that herders wear a traditional hat  
even during their work,  
in the past.

Today, you can see it at tourist attractions or museums.



Part 4

Ordinary

Lasso

rubber

Throwing this to the antler of reindeer to catch them.

You have to practice a lot.

They have been good at this,  
because they grown up as herders.

'What? Other jobs? No, I never thought about that.'

Never.



Soap

fat, lye

His brother made this.

It is next to the sink.

There were reindeer wondering food behind the garden.

It was on March.

They are supposed not to be here.



## Hat

skin, yarns

Fur catch windy snow and skin covers even ears.

This is a necessity on the mountain.

It protect a head and make noise smaller.

Although here is already quiet.

At least until today.



## Earmark

ear

Each herder has their own earmark.  
That is a way of cutting reindeer ears.  
Plastic ear tags?  
This is not agriculture, like cows or sheep.  
It is reindeer herding.





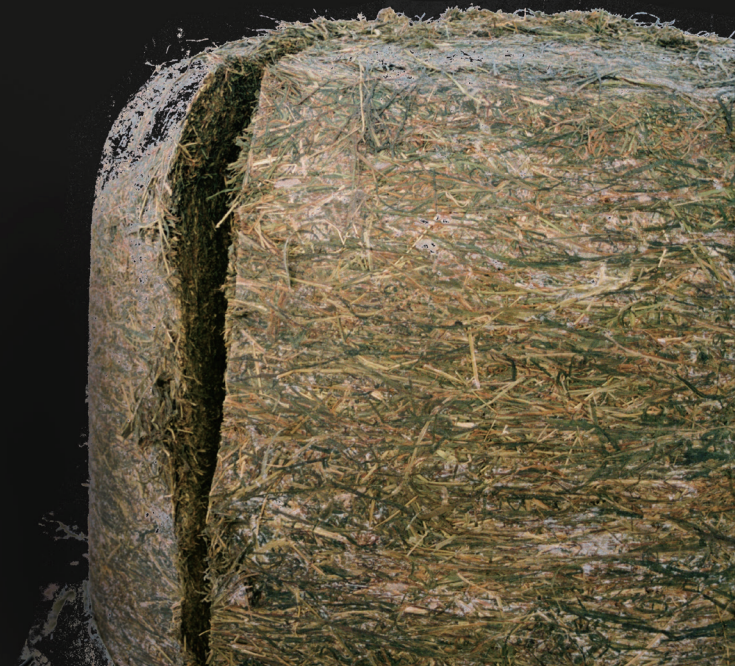
Hay

dried grass

This is used in winter, for reindeer,  
not to starve.

They can dig snow,  
but not ice.

I can hear their sigh, more and more.



Fence

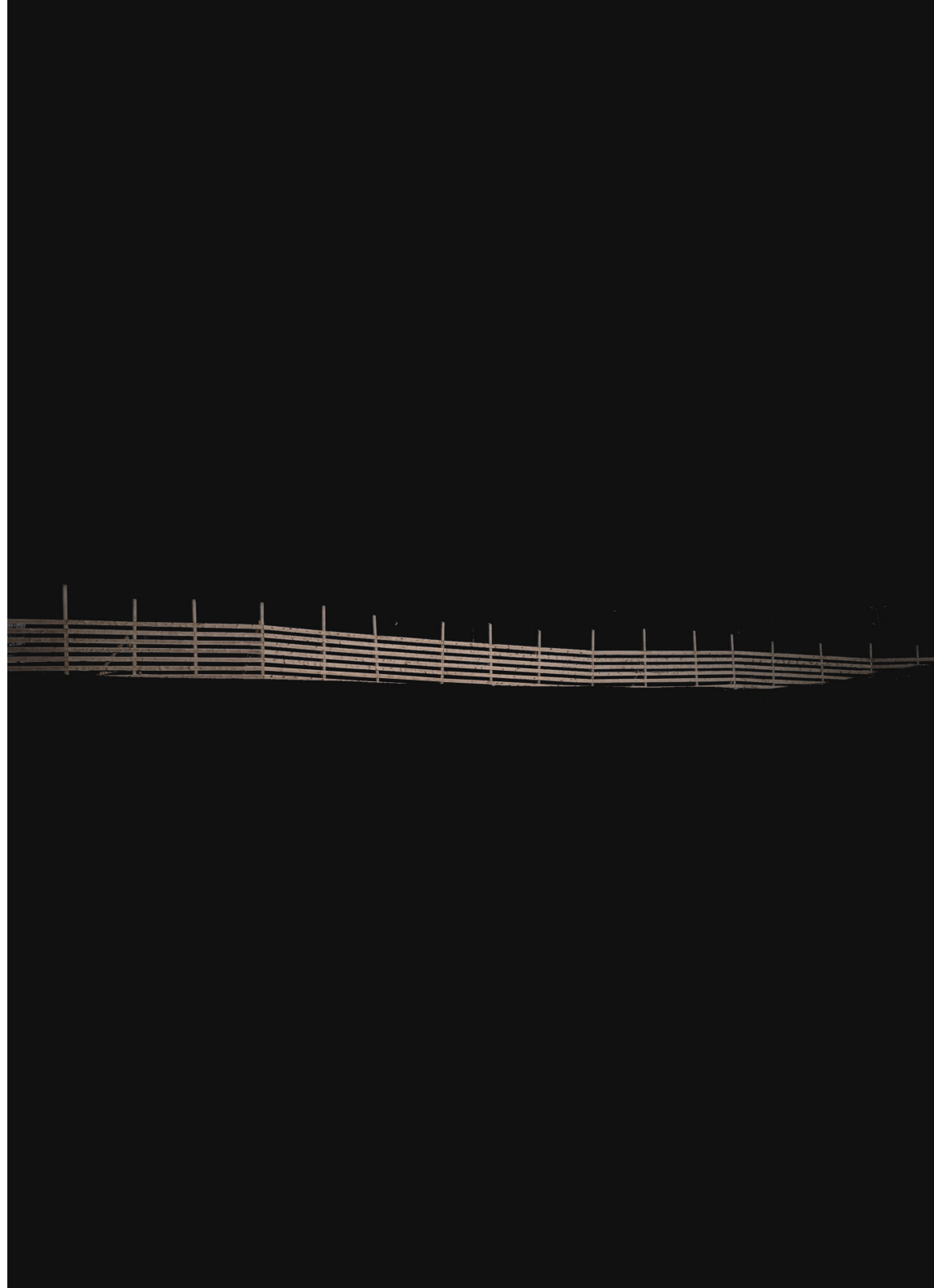
wood

Autumn is the most busiest season.

All families gather and work here.

'We can stop all traffic in order to let reindeer across the road,  
so, that is no problem.'

There have already been problems.



### Outside Light

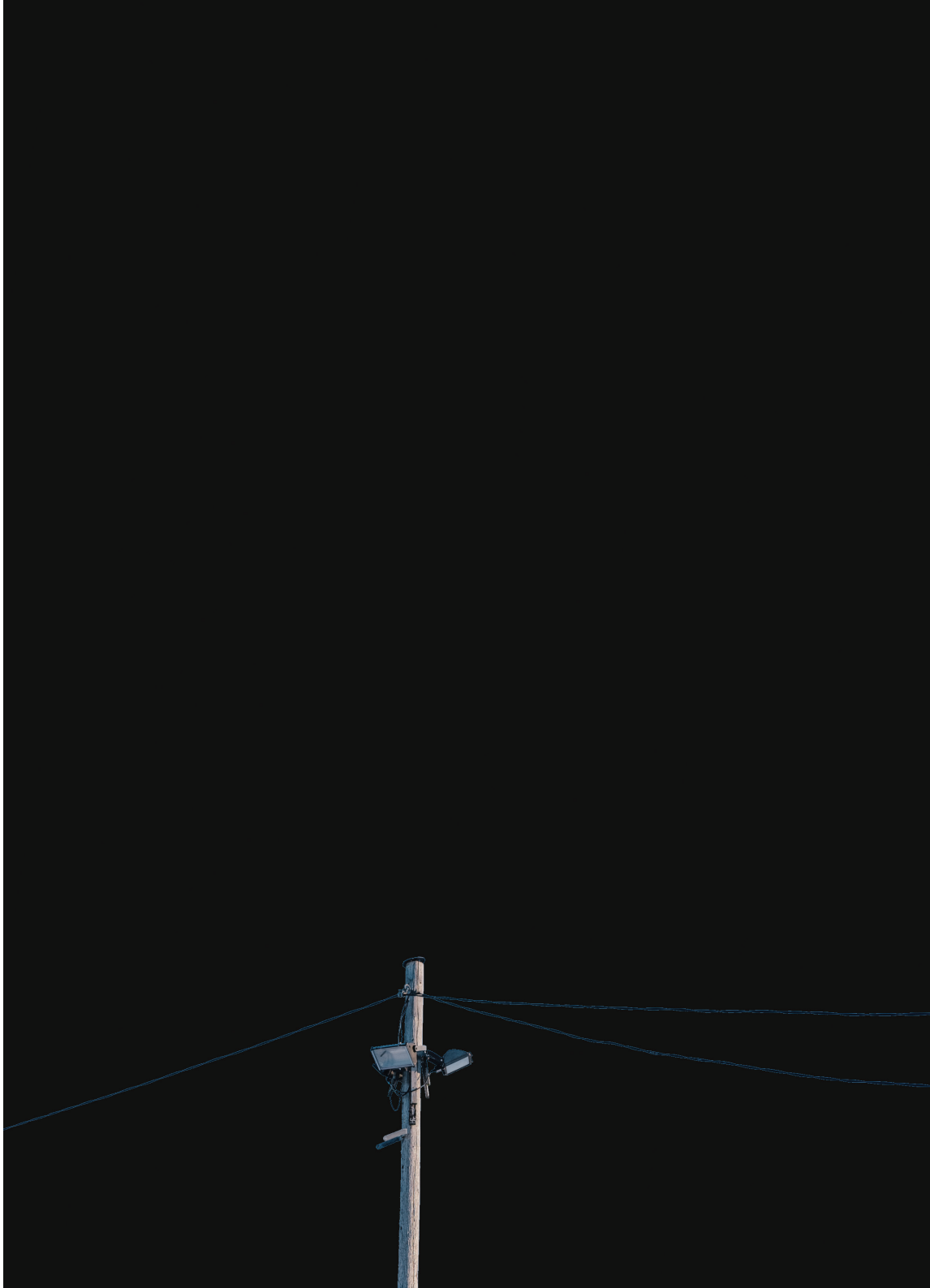
lamp, grass, plastic, wood, electricity code

They have a long day in this fence area.

Here is the Arctic.

The daytime is getting to be shorter and shorter.

Depression time is starting.



Slaughter Hanger

wood, steel

They also slaughter reindeer by themselves.

Such a simple structure.

Here, the life is simple.

Or it used to be.



Knife & the Case

skin, yarn, birch, steel

They order this kind of knife to local craftsman.

So it is from Scandinavia, even the blade.

He opened plastic cover of hay

by his knife.



Knife & the Case

skin, yarn, birch, steel

Every herder has their own knife, hanging on their belt.

Knife is still their necessity although it is not only used for slaughtering reindeer.

The use is for cutting anything  
except a tie between reindeer and herders.



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