

Rouhistorier

FOREWORD

In recent years O—Overgaden has focused on presenting new, artistic voices – younger as well as more mature – all prior to their institutional breakthrough. As an artist, Marie Kølbæk Iversen is hardly a blank page. She belongs to a crowd of recognized and established Danish contemporary artists, and has a distinct voice and an active, international career. So why do we show Kølbæk Iversen at O—Overgaden now?

We do so because Marie Kølbæk Iversen is one of the few artists in Denmark currently doing a PhD in artistic research. Her project, conducted in collaboration with Aarhus University and the Oslo Academy of Fine Art, will be finalized later this fall. Artistic or practice-based research, as it is also called, is a relatively new discipline in Denmark, consisting of further training of artists, where the focus lies on the art practice as a form of knowledge creation. It is a unique possibility for artists to get the necessary time to experiment and dive into new layers of their practice - and to do this alongside scientists and researchers from other fields and disciplines. For O-Overgaden, it is interesting to present our audience with contemporary art that is a product of more thorough, artistic research and that reflects nuanced dialogues across different scientific fields. Since research is a fundamental part of our society's development, it is exciting to gain an insight into how science can originate in art; and on the other hand, it is also interesting to see how the creation of an artwork can be shaped by scientific frameworks.

With the exhibition *Histories of Predation*, Marie Kølbæk Iversen presents a deep and minimalist summary of her five-year research project. *Histories of Predation* moves across time, borders and cultures as the artist journeys into the eye of the gurry shark, a deep sea fish also known as the Greenland shark. Recent research has proven that they can live to become 272 to 512 years old, making it one of the longest living known vertebrates in the world. Across the Nordic-Germanic languages the shark has historically been referred to as a merperson – 'havkal,'

'hákarl,' 'håkjäring,' or 'håkjerringa' – that is: merman or mermaid variants. As such the shark's agency is coincidentally reflected in the manifold myths, songs and tales concerning merpeople from across the North Atlantic region. Not least in songs obtained from Kølbæk Iversen's native region in Midwestern Jutland, which she will perform in local dialect on a number of occasions, adding a musical layer to the exhibition.

Histories of Predation consists of one large-scale work: a three-channel soundless video installation in which microscopic recordings of the shark's eye lens appear in colorful pink and green images that slowly glide across the screens as forensic scans. The piece takes us on a visually beautiful and filmic time travel through the "historic" gaze of the gurry shark. Originating from this bodily imaginary insight into the perspective of the predator, *Histories* of Predation brings together art, folklore and modern science, allowing Kølbæk Iversen to reflect on 500 years of colonial, imperial and environmental battles in the northern Atlantic region, where Danish influence was and is significant.

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Aukje Lepoutre Ravn, Interim Director, O—Overgaden, August 2022

ADELUDS IN THE MOUND

The king's men of war,

- The dance is slight
Came sailing to this land.

- Listen to this, how the maiden of the mound was deceived! -

When they now approached the coast, They heard Miss Adeluds in the mound singing.

The skipper spoke to the ship's boy "You will come with me to proud Adeluds' chamber."

He knocked on the door with his skin: "Wake up, proud Adeluds, and let me in!

I bring word from your husband, You must meet him on the beach."

"Do you have word from my dear husband, Then tell me what name he goes by."

"Your husband's name is Niels Mikkelsen, And you will follow me from this land."

She dressed herself in a silk gown, And thereover she wore a kirtle with gilded flowers.

> She put gold on top of gold, Breast and fingers were covered in full.

Miss Adeluds took the ship's boy by his hand, And then they walked to the beach.

She taught him to calm the weather on the sea And to write runes with his hand.

She taught him to twist and turn the wind, And to settle it again.

She taught him to conjure a weather so mighty That all ships would sink before the fjord.

Then proud Adeluds jumped aboard the ship, Where the captain grabbed her by her arm.

"Shame on you, you skipper-thief! Would you betray my young life like this?"

"You will not return to your father's land, Before you have birthed a son who can steer the rudder.

You will not return to your mother's island, Before you have birthed a daughter who can cut and sow."

Miss Adeluds jumped into the sea, Then she swam to her father's land

The skipper sailed, and the maiden swam, Still she reached the shore far ahead of him.

"Now I'm on my father's land: My son knows neither to sail nor steer the rudder.

Now I'm on my mother's island: My daughter knows neither to cut nor sow.

And hadn't it been for your little ship's boy,

- The dance is slight -

I would have drowned all the king's men."

- Listen to this, how the maiden of the mound was deceived! -

Folksong recorded by Evald Tang Kristensen in 1872. Reinterpreted into Ørre-Jutlandic from the Standard Danish by Michael Ejstrup.

A WORLD YOU WOULD WANT TO LIVE IN?

ADAM KHALIL IN CONVERSATION WITH MARIE KØLBÆK IVERSEN

Marie Kølbæk Iversen

First of all, thank you so much, Adam, for agreeing to having this conversation with me. I have been really inspired by our exchanges so far, not least on the occasion of TEDtalks on Acid, which you organized as part of New Red Order's (NRO) show One if by Land, Two if by Sea at Kunsthal Charlottenborg earlier this year. I am curious to share with you some of my thoughts leading up to this exhibition at O - Overgaden since, like in many of your projects, my project engages Indigenous knowledges at the intersection of modernity and science to attempt to formulate alternative perspectives of futurity beyond the gridlock of capitalist modernity.

In my video-work *Histories of Predation* I am speculatively appropriating the historical gaze of a specific type of shark, the Greenland shark or gurry shark, which is called either merman or mermaid across the Nordic Germanic languages – i.e. the old Danish name for the shark is "havkal", that is "merman". New marine biological research shows that this "merman" – the shark – may live to be as old as 272 to 512 years. Additionally, it traverses the whole of the northern North Atlantic Sea, which makes it an interesting imaginary interlocutor or "eye witness" with whom to reflect on the historical developments across the region, and to consider alternative views into the future.

As a Dane, I represent a colonial presence in Greenland, where the shark I have been working with was caught as by-catch. But the project also seeks to reflect on how I came to become a Dane in the first place, as it were.

Adam Khalil

The temporal scope of the gurry shark is a pretty juicy hook, and it got my brain buzzing! I'm not sure it's a 100% line-up, but I have been reading this essay by Lou Cornum about Indigenous futurism, which feels kind of relevant in terms of world-building:

"Indigenous Futurism" is part of a tradition that represents an alternative to Western sci-fi which tends to be structured by the tension between utopia and dystopia. The temporality of Indigenous existence exceeds these terms: there is no preapocalypse or post-apocalypse, only perpetual revelation.

Indigenous Futurism then, is about the struggle for a different future as well as a distinctly different idea of "future" – one that goes beyond the conflict between tradition and progress, and asks us to inhabit the present.\(^1\)

On that note – and maybe it is a little stoney baloney – I was thinking about merpeople and dragons; like, dragons emerged in Europe and Asia, but simultaneously. So they must be real, right?

(MKI)

That's a good point. Generally it's interesting to consider how cultures and cultural narratives have exchanged historically, and continue to exchange, converging at minoritarian rather than majoritarian levels. In the conception of this project, an important point of reference was Peter Linebaugh and Marcus Rediker's *The Many-Headed Hydra* from 2000. In the book, they unfold a historical account of the Atlantic under-commons, which took the shape of a multiethnic motley crew proletariat originating in Europe, Africa and America:

It included clowns, or cloons (i.e., country people).

It was without genealogical unity. It was vulgar.

It spoke its own speech, with a distinctive pronunciation, lexicon, and grammar made up of slang, cant, jargon, and pidgin – talk from work, the street, the prison, the gang, and the dock. It was planetary, in its origins, its motions, and its consciousness. Finally, the proletariat was self-active, creative; it was – and is – alive; it is onamove.

What does the experience of this proletariat have to offer us today?²

In many ways this reflects the second vantage point for my project: the Midwest Jutlandic heathlands, which is where my family originates and where I grew up, and where my great-great-great-grandmother Johanne Thygesdatter was one of folklore collector Evald Tang Kristensen's informants in 1873. Trying to think from the perspective of the 19th-century heathlands, I attempt to pick up the bastardizing linguistic logic and cultural outlook of my forebears, which was precisely as proletarian and hybridizing as Linebaugh and Rediker describe, including the different Jutlandic dialects mixing English, German, Danish, Swedish and Norwegian - influences from overseas.

If we are to trust the songs that Johanne sang to Tang Kristensen as valid testimony of their originating culture, they questioned governmental efforts of agricultural development, nationalization and homogenization, as well as concepts of land-ownership and the authority of some people over others. Which makes sense, because life on the heath was largely commons-based, meaning that it couldn't have felt as anything but a loss during the 19th century to see the

heath being enclosed, and for the Native people to lose access to the land they had relied on for their living.

In response to these developments, many of the songs seem to reflect on the ethics and premises of cross-cultural alliance and exchange through the mythologized figure of the merperson – maid or man – which may also be interesting for us to think with today, since merpeople reside in the fluid spaces between national demarcations and specifically do not belong to any state or people. You have also worked with merpeople in the context of NRO, right? In relation to Lemuria, was it?

(AK)

Well, we were kind of investigating Lemuria with a little bit of a critical eye, because it is part of this New Age movement where people believe that there are these seven-foot-tall Viking-looking people who live underneath volcano tunnels. I guess that there is Atlantis and Lemuria, and they were kind of competing. Atlantis disappeared, but Lemuria persisted as a fantasy because of the volcano tunnels. And there's this place in Northern California, Mount Shasta, where people say they see Lemurians all the time.

We have been working with them as a way to explore the idea of "being there first", or some kind of strange New Age claim to being part of the land in relation to Indigenous concerns. When we were in Hawaii we learnt that there's a lot of Native Hawaiian mythology around Lemurians too. Not enough that I know about to go into, but it's interesting how such a figure travels.

(MKI)

So Lemurians are not merpeople?

(AK)

There are different reports. It's tough to get a full composite sketch of them. Sometimes they're referred to as merpeople. Sometimes they're referred to as beams of light that exist somehow. That's maybe the more New Age version, which is the most prevalent today.



1. Lou Cornum: "Who Belongs to the Land" on *Triple Canopy*,
March 17, 2022 (<u>canopycanopycanopy.com/contents/</u>
<u>who-belongs-to-the-land</u> – last accessed August 7, 2022), pp. 31-32

2. Peter Linebaugh and Marcus Rediker, "Tyger! Tyger!" in *The Many-Headed Hydra: Sailors, Slaves, Commoners, and the Hidden History of the Revolutionary Atlantic* (Boston: Beacon Press, 2000), p. 333

Sean Connolly - a Hawaiian artist-architect who was also in the exhibition at Kunsthal Charlottenborg - has been researching how continents and bodies of water have shifted, and how back in the days traveling from a place like Oceania to Africa was much easier. Or how thinking about different migrations that could happen if you go up and over the world or down under, as opposed to around. To think about how there exists all of these weird confluences and convergences of different cultures around the globe as a result of them actually meeting much before what we think of as being possible. That dives into ideas of people popping up in multiple places, like this idea underlying Lemurian mythology of the lava tunnels or underground tubes that connect the world. Where I grew up, there's a lot of Bigfoot sightings. Sasquatch. And where I'm from, they're called root travelers.

(MKI)

Root travelers?

(AK)

Yes. And part of the idea behind why they can't be seen or known about is because every time someone notices them, they jump into the hole of a tree and then they can travel the root system like a subway system. So they'll show up 600 kilometers away in a matter of seconds through this root system underneath. I guess I'm thinking about it because I went snorkeling for the first time last year and I was like, "Oh, my just seeing underwater, God". You know. I feel like I've traveled around the world and know my geography, and then seeing that 70% of this Earth is water is something I'd never encountered before. So humbling. Especially with merpeople exploring around all of those depths; of course we don't know about them, you know? They have no particular interest in exposing themselves to us.

(MKI)

I remember reading this text by archeologist Neil Price where he draws on the ideas of Hawaiian historians Sir Peter Buck/Te Rangi Hīroa and Herb Kawainui Kāne to attempt reading and understanding historical Oceanic and Viking seafaring cultures through each

other in order to fill the gaps of their respective histories. It's an interesting collapse of how these two seemingly different cultures from radically distant locations on the Earth may be thought to have something in common anyhow, and how they may inform a

general understanding of seaas opposed to earth-based cultures.

(AK)

Meeting or encountering the sea? Because it's something that they can never do, you know. They're actually living on the sea, not *in* it. This is essentially living *on*.

(MKI)

Right. But perhaps it could still be seen as yet another facet of community-building enabled by the sea – even if not *in* the sea – that speaks to the potential of transcultural exchange and becoming through its in-between-ness. Across the world there are so many accounts of people living commons-based lives on ships, and how been taught to perceive as pirates were – are? – in fact commoners. Linebaugh and Rediker call them "hydrarchies".

(AK)

Although the flipside of that is someone like Ayn Rand, who is a conservative ideologue from the sixties and seventies. She wrote this book called *Atlas Shrugged* that became foundational to anti-government libertarian philosophies. Her book is really big in Silicon Valley right now. In *Atlas Shrugged*, she kind of says that people smart and skilled enough, and good enough for capitalism, should form their own island off the coast of the country so they don't have to deal with government regulation. But if we think that that's also a kind of colonization of the sea, is it still on the people's premises then?

Anyway, it's interesting to think about that book in relation to ideas of commons and commoners, too, because it's like this distrust of government or national commons, that once you're under a nation to then go forge one on your own. I mean, there's this kind of anarcho-libertarian dream to it that's kind of appealing, even though it's also so demented. Or like an Atlantis, you know?

I worked on this film, *Nosferasta*, which is thinking about Christopher Columbus and 1492 as bigger than interplanetary space travel or maybe equivalent to. But also thinking about the conflation of the ocean and outer space, and how before that moment, they were kind of the same thing. And again, maybe that's not true, because we've just been talking about Oceanic Vikings and of prehistory in terms of our own understanding of what we're taught in school about where those people travel to and how. But it gets trippy.

(MKI)

It gets trippy. Still, I think that maybe that place where it gets trippy is also where new things become possible. I read about this battle taking place in Alken Enge around year 0, after which the bones of the slain were collected and submerged into the water of a nearby lake. One can only try to imagine the stench rising from this lake and how poisonous it would become with all these bodies decomposing, and how, combined with the traumatic history of the battle, this turned it into a dangerous, but also sacred, territory. Archeological findings suggest that it did in fact become a site of sacrifice, since people would return for several hundred years after the battle – up until 500 years – to make offerings.

I think it must have to do with some belief that the spirits of the slain still reside in and around the lake –

which is now dried out – and this makes it ritually and magically potent, but also very dangerous, because they are just as adversarial in death as they were in life. If you follow this line of thought – that the spirits of the dead are still in that lake, envious and antagonistic of the type of human life that emerged around it – it completely changes the imagined agency of merpeople and water spirits: that they are extensions in time of cultures and people that were annihilated (by us), and that they continue to haunt the living in their desire for life and revenge.

(AK)

Yeah, yeah, yeah. Well, it's also interesting to think about the weird slippage between history, narrative, and spirituality, and how those things have been isolated or separated. Thinking creatively or making stuff up, or just this idea of conflating things. It's taboo now where there has to be a rational, logical answer to everything. But then again, something that I carry with me is the idea that history should be a narrative at the service of the present: that these mythological beings or creatures are actually some kind of conflation of a spiritual belief that merges with history in a pretty seamless way, maybe so seamlessly that it's unbelievable. Like Drexciva.

(MKI)

Drexciya?

(AK)

Drexciya was a group that was part of the Detroit techno movement operating from the perspective of an Afro-pessimistic futurism. I guess you could say. They were a very secretive techno group, and the mythology that they kind of arose out of is that pregnant mothers who didn't survive during the Middle Passage, their unborn babies were born under the water and started a kind of Black Atlantis called Drexciya. And that's where their music comes from and that's where they're from. And I was like, "Whoa!" In a similar way, it suggests how terrible pain or suffering, or the sight of so much trauma, can also bring about the birth of an alternate narrative in order to understand or create a world that you'd want to live in.

(MKI)

That's a very potent vantage point, and heart-breaking. A complete subversion of the rendition of merpeople as these ahistorical fantastical creatures. In fact, some of the merpeople tales from...

(AK)

No pun intended?

(MKI)

What?

(AK)

No pun intended? Merpeople tales - Merpeople tails...

(MKI)

Oh, no. No pun intended at all, actually, because in West Jutland merpeople didn't have tails. They just had legs, so you didn't know when you found a dead body on the shore whether it was human or a merperson.

The only way you could know was if a terrible noise and weather followed the burial of such a person, and if they were sucking their thumb when you dug them from their grave. In that case it was a merperson and you had to deliver them back to the sea as soon as possible. So the story goes.

Fishermen might also encounter merpeople on the sea, where they were sitting high atop a wave, shifting a sock from one foot to the other. If you gave them another sock or a new pair, they would tell your fortune or help you in different ways. You could also give them a pair of gloves. I think that they – by being associated with the souls of the dead in the water – were

related to the elverfolk, who live in burial

mounds on the heath. Because water runs underground between the sea and different springs and rivers, the water and the underground are connected, and so are the beings that reside there. There are several accounts of people who have seen a woman – an elver or a mermaid – sitting in one of these mounds, combing her hair and flashing her gold.

And to me it's been inspiring to think of elverfolk and merpeople as representing the relations between the water and the shore, humans and nature. And of merpeople as humans' ontological others that are at the same time fluid, in the same way that the ground beneath us is also fluid, just on a much longer timescale. That all essentialisms and fixities are eventually up for change.

(AK)

I've been coming across all of this writing recently about the power of belief and how the Left has abandoned spiritual belief and now only believes in rationalism, science and democracy. Of this sticky territory course, it gets into - especially post-truth - and therefore I always feel a little hesitant to even bring up this stuff, but I also think it's really juicy if we can step back from it a bit. Not to question the fundamental pillars of Western democracy to propose something whack-a-doodle instead, but because it's important that we don't get too foolhardy in our own beliefs either, or sustain the idea that science 50 years ago was totally different to science now, and that that will continue to be the case. If we do that, we end up privileging our position in the present as some kind of all-knowing or most right.

The reason I'm bringing this up is because people are asking why Standing Rock was effective. Why Black Lives Matter is effective. Or even why the "Right" is effective. And it's because they're all still utilizing that power of belief.

This made me think about the radical potential to reclaim belief, even if it's secular belief, to know what that looks like. And I think that maybe it gets back into our talk about merpeople and different kinds of understanding history in relation to place and mythology. How history can be a narrative and service to the present – even if it is a little fantastical or a little unexpected. How those things could maybe shift the way we look at history in general.

(MKI)

Yes. And if art may be a place for the left to experiment with the potential of spiritual beliefs or narratives in relation to political struggle; not to exit reality, but to find ways of upsetting the way it's narrated to open up alternative perspectives on the future?

(AK)

I guess that's something I've been struggling with a lot recently – and it relates to something I heard when I was in Hawaii learning about the Mauna Kea protests, where scientists are basically trying to build a huge 30-meter telescope on a sacred volcano on the Big Island. I met with some activists who are involved in the struggle against that project, and they have this slogan: "Pro Science. Pro Sacred." It's so simple but so effective and yet radical, and it opened my mind to the possibilities of being able to hold both things at the same time, as opposed to making them adversarial or pit them against each other to make this kind of false dialectic where you have to pick one or the other.

(MKI)

Exactly!

(AK)

I still haven't figured out where that goes or how. But it's been really helpful.

(MKI)

When I was researching the relation between myth and ritual for my PhD. I came across Victor Turner's account of Ndembu-rituality in Northwestern Zambia, where he describes how the passing of a woman or couple through an earth tunnel is prescribed by the Ndembu doctor as a cure against e.g. infertility. Both Turner and his informants counter such practices to Western medicine. But then, reading West Jutlandic historian H.P. Hansen's account of pre-industrial medicine and ritual practices in Midwestern Jutland, I found a similar ritual motif appearing: the digging of a tunnel in the ground or through a sod for the sick to pass through for healing or relief. I feel that the effect of the wide dissemination of the Ndembu example through academic ethnography, and what seems to be the willful forgetting of North European examples such as the latter, is that certain groups or ethnicities become wholesale associated with "the irrational", and others with "the rational", when in reality all societies have always been, and continue to be, characterized by both rational and irrational features.

(AK)

I like this idea of ethnography as a kind of psychoanalysis for a European Enlightenment society, like "Oh yeah, we don't do that stuff over here, but check out what these folks are doing...!" "Oh yeah. We did use to do that though." To produce the racialized Other as Europe's Id.

(MKI)

Ha ha. Yes. Indeed modern Europe seems permeated by this idea that to the extent we have ever engaged in so-called "irrational" ritual or spiritual practices, it was in prehistoric time. Yet, looking at H.P. Hansen's examples – many of which date from the early 20th century – people were engaged in quite elaborate ritual and magical activity up until very recently. And I don't think that is only a feature of Mid- and Western Jutland, where, in addition to earth rituality reminiscent of the Ndembu's, they would also, for example, burn and pulverize remains from a dead person and dissolve the ashes into potions to consume or apply to one's skin. From an outside view, such practices are not far from what may be described as "cannibalism".

(AK)

Well, that's another example of how an observation without understanding the epistemology kind of misses the point. You know this artist, Juan Downey? No? He's wild. He was a New York-Chilean artist working in the seventies. He made this film called *The Laughing Alligator*, which was kind of a "fuck you" to ethnography and anthropology. He and his wife and their two kids moved down to Brazil to live with the Yanomami for nine months, and they made a sort of family home movie all together, in which he oscillates between this official anthropological voice and something much more ridiculous, and you can never really get a handle on it. It's really one of my favorite films.

In the film, he talks about pulverizing the ashes of deceased loved ones and blending them into banana soup as the ultimate funerary architecture and kind of presenting these things as very matter of fact and maybe actually connected. His background is Indigenous and white Chilean and he's kind of like "that isn't too far removed from either part of my ancestry, yet I'm made to believe it's only from one aspect of it", and that kind of confluence.

(MKI)

It goes hand in hand with the whole practice of "theying". I mean, is there a way to talk about the potentials of minoritarian ritual practices without succumbing to divisive speech – "*They* do this, but *we* don't" – to acknowledge the potentiality and force of different ritual cultures without othering or caricaturing each other?

(AK)

Yeah, oh damn. Because it's also a question of perspective. It's like you can lay whatever onto the other if you're speaking from the perspective that you have the authority. So it's also a question of destabilizing that authority to become a part of all or something.

(MKI)

Okay, so acknowledging the many essentialized and essentializing dynamics related to this discussion, do you still feel like there may be a kind of place where coming from the background that you do is also an asset that allows you to imagine or project yourself into the future differently, against the present and Western majoritarian culture?

(AK)

Yeah, I think, from my Ojibway perspective and because of how I think and feel about things, I'm always trying to imply things in a future perspective because there is so much emphasis on being placed in the past. But then it's interesting when people approach me about stuff like Native spirituality, I'm always encouraging them to explore their own ethnic identities' past. You know, and that's where it gets interesting or tricky in terms of the projection because people are looking towards Native cultures' past for their own.

(MKI)

Yeah, exactly.

(AK)

Even though, especially from your research and work, there's such a rich wealth of culture

and customs and resistance and histories within your own historical background to be looking towards and bringing to the fore.

(MKI)

But of course, one obvious obstruction to that work is the history of National Socialism and how the Nazis actively appropriated heathen Nordic and Germanic heritages for their own ideological and eugenic purposes. I think that might be a reason why many Left-leaning Northern Europeans feel

wary of approaching the minoritarian customs and cultures of our own ethnic pasts, because they have been so heavily tainted by that history. This has also been a ghost in my own research, but the way I have been tackling it has been to try to stay really cleareyed and stick to the actual wordings and accounts of my own family and other real people in the folklore archives. Not to dream of some kind of fantastical Viking utopia, which is a bit like thinking about Atlantis or Lemuria; it never did exist but is a strong and potent fantasy capable of making people succumb to unimaginable degrees of violence and othering in its name.

So I try to go about it from the bottom up; from the archival scraps that I find, which I may fit together through my own embodied knowledge of growing up in Midwestern Jutland with all its unspoken codices - and then through art or imagination, or whatever, to dream of how they may form a spiritual or culturally dissident continuum against the nationalist or nationalizing forces of the present. For one thing, from what I read in the accounts and songs of my forebears, they did not feel particularly keen on the Danish project, to express myself with a Jutlandic understatement. And so it would be very unethical to appropriate their mythic and spiritual heritages into the Danish or any kind of nationbuilding project, which was completely against them. So that's where, in trying to reach back for alternative tools to propel us forward, I tend to go to folklore rather than these reverse-engineered mythic renditions of, say, the Norse pantheon.

However, in the mythic narratives of my foremother's songs there are many recurring themes related to figures from the Norse pantheon, for example magically potent women dressed in blue capes, capable of transforming themselves into wolves and falcons, the latter evocative of the Vanir goddess Freja, who was the first master of Sejd magic and who traveled across worlds and time in the guise of a falcon. So the imaginary realm evoked by the songs is not unrelated to present-day conceptions of Viking mythology and Norse paganism, but it puts it together in a different way and for completely different ends than neo-pagan far-right nationalism. For example, the main motif of the song that mentions the heroine dressed as a falcon, is the heroine's confrontation and attempt to kill the Danish king, because he had subjugated her brother and tried to appease her with gold. To me this seems to thrust a big fat stick in the wheel of any project that seeks to identify Danishness as a homogenous ethnic category to fuel a nationalist and racially exclusionary agenda.

(AK)

Well, I totally agree with you. By extension, I think that's why I'm always trying to orientate any kind of background towards the future; because I feel that by focusing on the past, not only is it like that double-edged sword of having to be authentic against an irretrievable past, but the other thing, related to what you're talking about, is that the over-identification with such pasts could in my case just lead to "red supremacy", and then we haven't gotten any further.

(MKI)

Right. I guess that's why I have stayed clear of this for so long. But my foremother's songs don't at all go in that direction, and also she was not Viking – she was a woman living on the heath in the 19th century who held pagan knowledge. And that's another example of where her songs depart from a right-wing neo-pagan rendition of Norse mythology: the location of women in society. Where I come from, there was no

division of labor or status between men and women. Everyone partook in all kinds of work – foraging, herding, butchering, knitting, singing – and equally it was as often women as men who were the locus of mythic narrative and transformative action. So, to me, it is also a work of employing my own concrete subset of what could be called an Indigenous Nordic mythic and cultural heritage to subvert the way that the Norse imaginary has been appropriated for nationalist and exclusionary purposes across the West.

As part of this work, I'm trying to think about whether it's possible to conceive of a position where different Indigenous heritages may converge and crosspollinate. I mean, you and I are both moderns, living modern lives in a modern world. But that life is so heavily circumscribed by capitalist ideologies, and I wonder whether there exist alternative points at which we might converge or join forces through our respective minoritarian heritages instead? I mean, right now I'm just singing the songs of my great-great-great-great grandmother, and what good does that do...?

(AK)

Yes, but you're singing songs that were almost forgotten!

(MKI)

Of course, but if I were to be self-critical, then how is that not just another instance of nostalgically overengaging with the past? Cultures change all the time; some things are bound to be lost, and maybe should be lost...

(AK)

Someone I was talking to, from where I'm from, was talking about instead of seeking to revive things or resurrecting them or keeping them the way they were, to work from the idea that perpetual revelation of the culture is actually what's necessary and that things should be allowed to change. That it doesn't have to be this grapple with tradition. Tradition and culture have different qualities to them, and as long as the culture is being maintained, it's different than the tradition being followed. So I think having these songs. that are traditional but being performed and recorded using contemporary technologies, is the perpetuation and recapitulation of the culture as opposed to trying to reproduce the facsimile of it. And I feel like that continuum – that chain of generations interconnected and touching at a certain moment – is where the heat is at.

But there's also the double weird bind – especially when a culture is threatened or disappearing – that people get very uptight about how it's revitalized in terms of it having to be a certain way, and I guess that is where it gets slippery and scary too. You know, Hitler would consult Karl May's novels about Winnetou – a fictional Apache chief – because they were his favorite books. It's said that he would read those books like one would read the Bible in a moment of crisis, and according to Gober, he even assigned it to a lot of the soldiers to read because it showed the valor and warrior principles of Indigenous people.

(MKI)

Yes, I guess these pitfalls are ever-present, regardless of whether we talk about red or white or other kinds of Nativist supremacies. Such fantasies do a lot of damage and obscure the actual problems and pertinent struggles of precaritized peoples today.

(AK)

Yes, again, that's the slippery thing about focusing too much on the past or on tradition, because that leads to Native people starting to say "get rid of all the immigrants", which is the most hardline conservative far-right gesture possible.

(MKI)

True. A friend of mine is working as an anthropologist in the Amazon with this tribe that he says ensures its cultural continuity through perpetual transformation; transformations transforming transformations. I asked whether they might also transform to become moderns and he responded that "yes, of course, but

they always change back again", which left me a bit puzzled, thinking whether such transformative agency might also apply to me as a European descendent of an oppressed commons-based culture, or if it's an exclusionary Amazonian capacity? I mean, I would like to transform...

(AK)

That makes me think about the concept of "the seven generations". Where I'm from, there's this thinking that with your actions you're supposed to be keeping in mind seven generations into the past and seven generations into the future. And that's the temporal thinking for any kind of action or thought, even in order to perpetuate a culture or community forward. It's been really helpful and helped keep me sane in terms of political movements and thinking about things past our lifetime. This continuum of seven generations forward and seven backwards – which, when you do the math, depending on life expectancy, gets pretty big, like 150 to 200 years or so in one direction – opens a continuum of 350 years from the past to the future.

(MKI)

I think Johanne is seven generations from me... My mother Margit's mother Maja's father Johannes' father Niels Kristian's father Niels' mother Johanne. Yes. Counting me in, Johanne and I are seven generations apart. Doubling that into the future, we have the average shark, the havkal.

(AK)

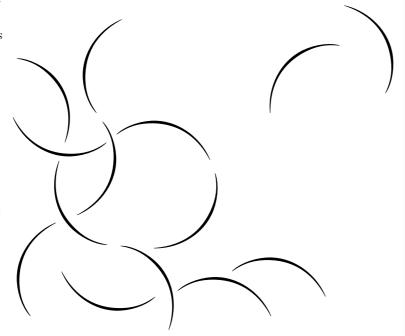
Well, seven generations of the havkal. Now we're talking. That's like 1,500 years.

(MKI)

Exactly. Seven generations of the shark. That's a perspective to consider. Maybe that's a good place to end this conversation?

(AK)

Yeah.



ULM AND THOSE WHO WANDER

EMMY LAURA PÉREZ FJALLAND

The sun had been warming since early morning. A chilly breeze came and went. In the warm shelter of the dunes a steamy, cold and spicy smell arose. Scratchy thickets of juniper stood among old and slightly ruffled bushes on the meandering mounds surrounded by heather and other small shrubs. The sandy soil appeared heavy and gray-beige after the night. In some places its surface was earthy, firm and dark gray with a colorful tissue of lichen and mosses. Through these mounds and hollows a little investigator made her way, a little mother. We will call her Ulm.

She had stumbled and slid a few meters down. It was not common for adults to fall in this way and she seemed a bit startled. Yet there was a tinge of something blissfully astray in her eyes. She sat herself down on an edge to drink a bit of water and looked straight ahead. The dunes ascended, almost endlessly, almost like an ocean. Immense waves that had been paused. A creased ocean. Silk in wide trails. The melting water from the last ice cap had flown and cascaded through this place. Toward the ocean. The east coast of the Atlantic Ocean did not exist. Or it was very far away. Came closer.

"Weichsel," she whispered. "Eemian." Naming time. The birch-pine age – when the North Sea dried out and the forest hunter culture went ashore. The hazel-pine age – when the Baltic Sea was a freshwater lake named Ancylus and the Atlantic Sea expanded its border toward the east. The North Sea flooded Doggerland.

The age of the aurochs existed, with wild horses

and moose, bears and wild cats. Human-bodied hunters and gatherers accompanied by dogs.

The age of the stags existed.

They wove cultural landscapes, and the age

of beech began.

Then, the age of humans.

Ulm ate a fig from her packed lunch. The living roots of shrubs and plants held the banks' sand and gravel in place. Lowered the pace of their movements, of their escape. "They are slowly wandering," she whispered. "I ride...". It was the winds and the sky's water that drove them onward. They were their energy. Between the banks Ulm saw small cyan-colored water holes encircled by evergreen, yellow-green and gray-green grasses. Woolen whorls of heather and gold-crowned berries. Sandy lanes of footsteps and furrows.

Creased silk spun by thousands of threads. Once, the now dry land was full of such fine-meshed weavings. An enormous silk gown. Once, the ocean began to rise, swallowed dry land and settlements. Coasts, fjords and bays were left uneven and scrapped. Digested cultures and societies, while the land was accompanying those who wandered.

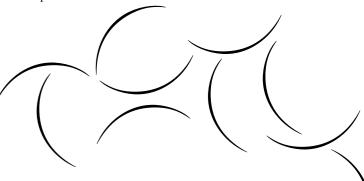
Ulm drank more water and ate a bit of crispbread.

The lips of the ocean are still moving, the tongue is rolling. Filling up with masses of ice. Then someone says: "The trees are coming." And pine trees rise on the horizon.

Timber in the heather behind the dunes, reaching upward like attentively pricked-up ears.

Ulm got up too. She didn't have her trajectory outlined, but allowed herself to be carried like the streams of the ocean, moving over the sleeping waves, and time went by. The light of late morning. She reached a ravine where the sand lay bare and wind-swept with a crust shaped by the night's dew. There were stag footprints. Bird marks. Perhaps a hare, perhaps a dog.

Ulm had heard them tell tales of wolves. The last one, a lonely wandering wolf who had lost its mate. It was secret and they were silent, yet their gazes bit against each other. They had heard the call of the wolf. They were mourning. They had seen dead, gnawed bodies, sheep and stags. They had seen dead wolves. They wanted to tell and they did not want to tell. The feral bodies. Dog-nature. Wolf-hour.² Shepherds' hour.³



- The birch-pine age (Preboreal), hazel-pine age (Boreal), and age of beech (Subatlantic) are all direct translations from Danish to English.
- 2. This is a direct translation of the Danish term 'ulvetime', which describes the time around dusk, its mythic light and the sense of unrest that might come in late afternoon.
- 3. This is a direct translation of the Danish term 'hyrdetime', which describes an intimate or erotic relation. A so-called genre, shepherd poetry or pastoral poetry has flourished several times in European literature. It is often set in idyllic and highly stylized rural scenes, and as a kind of role play between shepherds and shepherdesses. In Danish literature, Hans Christian Andersen and Thomas Kingo are known for their shepherd poems and fairy tales. Jeppe Aakjær, Johan Skjoldborg and Martin Andersen Nexø wrote more realistically about shepherds and shepherd life in their homelands.

A row of bones lay exposed in the grass.

Ulm was told that the wolf would be comfortable in a place like this, with backrest and a good view. She sat down and ate another fig, some bread and cheese, and had a cup of tea. The bones looked like the remains of a pelvis and a piece of the spine. Vertebrates. "Bones protect the vulnerable organs." They are compilations of minerals, which soil and mice need too. She looked at a small waterhole, a mirror-shining surface. Was she sitting in an eating trail? She saw herself taking the spine, putting the parts on a golden thread, tying them around her neck. A chain of skeleton pearls hung on her chest.

From the inland dunes covered in and shrubs, Ulm moved westwards through the pine forests. Walked with the smell of resin and humid mosses. Walked until the light was afternoon. She has a slight limp. Her pelvis ached. A pregnancy injury. She crossed grasslands, flat plains and heathlands, drew in the smell of scorched heather, saw where the caretakers had burnt it. She walked along the desert-like fields of money and suburban streets, everything fenced-off, pushing the borders. While trotting along the gravel paths, the full moon waxed above her. The grassland spread out. The ocean drew closer and she arrived at the gray-green, windswept dunes, the wall-like mounds. "Marine marshland," she mumbled.

Ulm found shelter in a thatched, whitewashed house in a hollow behind the dunes. Warm soup, a bed and a burning stove. Woolen socks and lambskin. The owner of the house played the transverse flute, and while Ulm was listening to her play, she fingered the skeleton pearls on her chest. The sun descended and the moon rose, sparkling and large, peach-colored at first, then the color of honey. Sun and moon on opposite sides. The shelter of dusk encouraging her.

In the night the moon changed color anew, this time into mother-of-pearl.

The dunes lay as if silver-plated and as morning broke the sky was synthetic pink.
The moon sank. The sun rose.

Ulm ran toward the dunes, egged-on by the rose-fingered queen. Stroked her fingertips against the dew. The lyme grass cut her left hand. It was cold. She covered her head. Pains from the pelvis radiating through her legs. The children were not here. The courage of dawn.

She walked on the sand by the ocean's mouth,
the shore's edge, without leaving any trace.
Rattling skeleton pearls. Birds shrieking
through the sunrise. Garfish jumping from
the salty sea, as threaded needles through
ocean silk. The sea seemed endless, almost like the
dunes, almost like immeasurable waves that had been
halted. Elongated as a creased cloak. Wide, midnightblue bands of silk drew closer to the shore, broke off

and hurled toward the shore, ripples of white foam hovering over rocks and gravel. "And the depths of the sea are open for me."

In the distant horizon, the merman slowly broke the ocean's surface. She called for him, but he sank again. Behind her, the grass-clad dunes rose. She leaned toward them, collected shells and small pebbles with holes in them. The children were not Pebbles for the children. there. Ulm was heavy like wet sand, and saltwater ran down her cheeks. She ran her fingers through the sand. Looked up, toward the ocean. He appeared again, closer this time. Looked at her. Behind her, the lyme grass stood courageously; below her the sand lay calmly. Ulm got up and walked toward the shore. She gave him a look as heavy as the moistened sand. They observed each other. We will call him Há. Ulm took off her woolen socks and loosened the cover around her head. Gave them to him. Há gave her gold and Ulm adorned every inch of her chest and fingers. "Queen," Há whispered, and from the ocean silk, the sea fog rose, filling her lungs and eyes, the stream embracing her lower legs.

"The depths of the sea are open for me," she whispered.

She followed Há into the surrounding her hips. Then her breasts, neck, jaw. Filling her nose and mouth. It was salty. And they dove and wandered across the sandy seabed. His dermal denticles scratched her skin, he licked her blood. They were slow hunters. Passing deep grooves, through belts of algae, stone reefs, herring and mackerel. Arriving at a vast sandbar. Floating above over wreckages of dead culture, mammoth and rhino. Swimming among harbor porpoises and brittle stars. Cargo and clams in abundance.

"How do you see in the dark?" she asked. "What do you see with your open eyes?" Há did not answer, but then, along each of her sides, Ulm sensed the movements of sea creatures and plants inhabiting the dark. Warm streams toward her forehead, stroking the top of her head and her neck, running down along the spine and into her pelvis. Ears as pointy as pine trees. "All bodies of water have their people, their smells, their travelers. Their tides, their places of birth. Spawn. Their temperatures, their sounds, their societies. Heritage." The archive of the ocean. The memory of the sea.

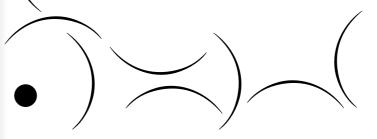
Ulm wandered through a land whose air is saltwater. Covered in gold from finger to chest. With skeleton pearls and an ocean silk dress. Há was her escort. She was his queen. She found amber shaped like bears and Há taught her to raise and stir the weather forcefully. Later they would lay quietly together and observe the bottoms of rocking ships. He was soft and told her stories. She was listening and electric. He told about bomb waves still moving through

the deep. Ship traffic and ferry songs, oil-drilling and windbreaks. Old playfulness and lullabies. They watched luminous ice masses glistening like prisms of the depths. They hid between them. They met seals and polar bears. They ate. They searched for darkness. They wandered. Streams through her spine, into her pelvis. Há accompanied Ulm to his mothering island, a ridge. Here she met the others. They drank wine with great desire. She formed 649 eggs. Nest, cave, cradle. With threads of seaweed plants, she wove and spun.

They moved on. Smeared themselves in mud. Travelled along streams, through deep furrows, over banks. The light increased. And one day they stood where they had first met. The courage of dusk still in Ulm. Há gave her a flute made of mother-of-pearl to play when she was mournful. He gave her a golden harp to play when she was calm. He gave her a goldblossomed dress to wear when she was brave. Ulm gave Há the amber bear and skeleton pearls. She got up and went ashore. Cast no shadow and left no trace.

By the dunes, the sheep were waiting in the lyme grass. They drank her milk and she followed them. At dusk she plays her pearly flute. At night she wanders in her gold-blossomed dress with Há. At dawn she runs her fingers over the strings of the harp. At noon she lies resting in the heather among sheep bits and marram grass. Ulm with her gilded chest and glowing fingers. Ulm in ocean silk. Ulm with heath, ocean and dune.

"What do you see behind your closed eyes?"



These Danish folk tales are quoted freely: Brudens kirkefærd,
Hustru og Mands Moder, Agenetaa i Bjærget, Havfruen danser o Tilli,
and Adeluds i Bjærget, with Danske sagn. Som de har lydt i folkemunde,
Volume 2, Part D, Vandånder, collected by Evald Tang Kristensen
between 1873 and 1893.

Furthermore the following texts are quoted freely and referred to: Filtret host (1937) by Marie Bregendahl; Bitch (2002) by Lucy Cooke; Floating Coasts (2019) by Bathsheba Demuth; Dark Trails (2022) by Andy Flack; Hyrdeliv på Heden (1941) by H.P. Hansen; Beastly Belonging in the Premodern North (2018) by Dolly Jørgensen;

The Darkness Box (1975) by Ursula K. Le Guin; Grønlandshajen

- gammel og frugtbar (2020) by Julius Nielsen;

I dybet med Grønlandshajen (2018) by Julius Nielsen;

Hedens natur (1986) by Kenneth Olwig; "The ocean is losing its memory" (2022) by Hui Shi (Nature); and The Waves (1931) by Virginia Wolf. This story is written on the basis of field work in the Midwestern Jutland, the area around Ulfborg, Vosborg, toward Husby, in March 2021 and 2022.

MERMAN. GREENLAND SHARK. NORTH ATLANTIC DEEP-SEA SHARK

JULIUS NIELSEN IN CONVERSATION WITH MARIE KØLBÆK IVERSEN

Marie Kølbæk Iversen

First of all, thank you very much for having this conversation with me. It has been an exciting journey, from the first contact and transfer of shark eyes via your mother in 2020, up to the time we met in Nuuk in December 2021 to study a shark that had been caught as bycatch in the commercial fishery. We have previously talked about how it immediately seems like sacrilege to dissect such an old and large animal. Under what circumstances is the Greenland shark caught, and why is it important and meaningful to research it? What are the interests and challenges that make research into the Greenland shark relevant?

Julius Nielsen

There are various things that are important to investigate and that we have investigated over time. When I first started out with my shark interest – initially for my thesis and then as a PhD – there was a huge knowledge gap regarding the Greenland shark. We knew that it existed, but there were many completely fundamental biological questions that no one had sorted out.



So, in addition to the fact that I personally think it is interesting to contribute to the understanding of an animal that, the deeper one digs, only becomes more fascinating, there are also a number of things that make it important to research it. Not least, questions linked to commercial fishing, which is the most important industry in Greenland, and where sharks are caught in huge numbers as bycatch, just as happens in Norway, Iceland, arctic Canada, and in the fisheries around Svalbard. In some respects the Greenland shark is an ordinary fish; in other respects it is incredibly special and fantastic. Historically, it has been heavily fished for its liver oil, which was used for lighting and industrial purposes. Now there Greenland is no longer any targeted fishing for the shark; instead it is just an annoying and frequent bycatch, which is especially caught on longlines and in trawls. And when an animal is caught frequently, not least as bycatch, you want to know what kind of animal it is. How is it affected? What is its biology? So in order to become capable of answering some of those questions, we have carried out various studies over the years. Among other things, we have investigated how old they get and when they become sexually mature, because this can say something about the vulnerability of the species and of the population.

(MKI)

Yes, because the question is, I guess, whether it – even as bycatch – can be overfished to a point of becoming endangered?

(JN)

It's an open question whether or not it's an endangered species, but there are definitely some alarm bells ringing because they get so old and only become sexually mature rather late. In our studies, we have primarily focused on age, which has meant that we have had to take samples from the eyes of dead animals. And when you have a huge dead shark of typically three to four meters, you should investigate as many different things as possible. For example, we have looked into their stomachs to investigate what they have eaten, and taken tissue samples of liver, heart, brain, parasites, etc. We have already used many of these samples, but there are even more that are waiting to be used in studies led by other researchers.

(MKI)

When you say that the shark is in some ways very ordinary, and in others quite special, what do you mean?

(IN)

This applies, for example, in relation to their reproductive biology, that is, their breeding pattern. Some of the Greenland sharks I have dissected have had extremely large numbers of eggs. In particular, there was one 4.7-meter shark that had 649 orange-sized eggs inside it.

(MKI)

Wow.

(JN)

It is unusual for a shark to have so many large eggs of the same size. And that opens up the question of how many of them become actual pups.

(MKI)

Do you have any theories?

(JN)

I certainly have some theories, and they are also well supported by science. But it's hard to answer with a one-liner. My theory is that on exactly this point the Greenland shark is not so unusual compared to other sharks, but in general not much is known about its reproductive biology. I myself have helped find a shark that had eggs in it, and then I have some colleagues who, in the context of my project, have also found one. In addition, there is a 50-year-old description of a female Greenland shark with eggs inside of her. In these three cases, 649, 455 and 400 eggs of six to seven centimeters' diameter have been counted. respectively. In addition to this, there is one article that reports of a pregnant female with ten full-grown pups of approximately 37 centimeters' length that had been caught by some fishermen sometime in the 1950s in the Faroe Islands. Based on this one observation, it has since been assumed that the Greenland shark gives birth to up to ten pups. But then when I see 649 eggs, I can't help but ask myself, why on earth would it make so many eggs of the same size if it only needs ten of them? Precisely the fact that they are (almost) the same size is an important detail. You can explore the scientific literature and research information about other sharks belonging to the same family as the Greenland shark, namely Squaliformes. And for all other Squaliformes sharks that have been thoroughly studied, the number of mature eggs of the same size reflects the number of pups that the mother is capable of producing.

(MKI)

Does that mean it gives birth to 600 pups in its lifetime, or in a year or cycle? Does it make new eggs?

(JN)

In Squaliformes sharks, where the eggs are the same size, the eggs develop simultaneously. They are fertilized at the same time, then move into the uterus, where they develop into fetuses that are born. I am absolutely convinced that this is also the case for the Greenland shark. If you were to believe that the Greenland shark gives birth to only ten pups despite hundreds of eggs, it would be extremely unusual compared to all of its closest relatives.

(MKI)

But could it be that the pups predate on each other inside the womb?

(JN)

I understand why you ask that question, because it's a bit of a myth concerning sharks, but it's very unlikely in the case of the Greenland shark.

Now I'll tell you why. There are approximately 500 different kinds of sharks, grouped into different orders, families, genera, and so on. And it is exclusively in the case of the sand tiger shark that the pups eat each other, so that from each uterus one large cannibalistic pup is born per pregnancy. The sand tiger shark belongs to a completely different group of sharks (Lamniformes) than the Greenland shark (Squaliformes), and the behavior of the pups to feed on each other and on unfertilized eggs in the womb has not been observed in any Squaliformes species. The simplest explanation in the Greenland shark's case is therefore the most incredible, namely that it very likely gives birth to hundreds of pups per pregnancy.

(MKI)

But are the pups also caught as bycatch?

(JN)

No, it's always the big sharks that you catch. They begin to appear in the commercial samples and in our surveys when they reach approximately one meter in length. We think they are born when they are around 40 to 50 centimeters; that's the size of the smallest known free-swimming Greenland sharks. In addition, it is known that these ten pups, which were found in the womb of the pregnant shark 50 years ago, were 37 centimeters long.

Regarding the latter and to the question of the relationship between the number of eggs and pups. I believe that I can explain why the shark that was caught back then only had ten pups inside it. If you read the scientific article that was released on the basis of that finding, you are told that there were these fishermen who caught a shark and discovered that it had ten pups inside it. The fishermen took the pups home and gave them to a biologist, who then passed them on to the researchers who wrote the article. The researchers donated one shark pup to a museum, but it has unfortunately disappeared during a relocation. However, it was photographed, so we know for sure that it was a Greenland shark. However, I have since found a book which was written by the biologist who initially got the pups from the fishermen. He writes that the fishermen who caught the pregnant shark were out to specifically catch Greenland sharks. And then there was an alarm bell that rang for me, because that means that they have been using a longline and that the shark has not been caught in a trawl or net.

(MKI)

Okay?

(JN)

When I read that they had caught her on a longline, I thought: "That was also important!" Because if a pregnant shark is in a life-threatening situation – caught on a hook or in a net, about to die from whatever – she evacuates her uterus to save the pups. This is the case for all sharks and rays.

She's simply spitting out the babies because she's dying. Therefore, when I read this information, which has formed the basis for the finding that has established the entire assumption that the Greenland shark only gives birth to about ten pups per pregnancy, I think that she has very likely evacuated the vast majority of pups while caught on the hook. She probably sat there for several hours before they cut her open. So whether there had originally been 600, 500, 400 or 300 pups, the observation does not say. After all, there is always someone who has to be the last to be born. If you were to publish that observation today, you would never accept that it was based on an individual caught on a longline, because you have no representative figure of what was in there before she bit the hook. In a trawl or net, on the other hand, it would have been possible to count the evacuated pups afterwards.

(MKI)

Of course. I see. But still lots and lots of pups.

(JN)

Exactly. Hundreds of pups. At least that is what the Greenland shark as a species has the potential for. But it will be difficult to prove definitively, since no one has ever caught a pregnant Greenland shark in Greenland, despite the fact that a great many sharks are caught. To me, this suggests that the Greenland shark does not give birth where commercial species are fished. Because if they did, we would, in addition to the big sharks, have more information about the small ones, which are virtually never caught. I therefore believe that the Greenland shark gives birth out there, or down there, where there is no commercial fishing, for example at underwater mountains at a depth of four to five kilometers. There are large parts of the ocean that we know nothing about, and there can be plenty of life around such mountain peaks. The smallest Greenland sharks that have been caught, measuring 40 to 50 centimeters, are exclusively caught from the Mid-Atlantic Ridge south of Iceland, which is precisely such an underwater abvssal mountain range.

(MKI)

Okay, that is wild.

(JN)

Of course, it should be mentioned that only an extremely small part of the Greenland sharks that have been caught in Greenland have been dissected and examined. After all, fishermen do not spend their free time dissecting sharks to see how many pups they have inside. It's only supernerds like me and a few others who look for this kind of thing because we have a specific errand.

If this is not the case, it has always been the custom at the Greenland Institute of Natural Resources, which is where I work, to put the sharks back out alive, instead of cutting them open to see what is inside them.

(MKI)

How big and old are they when they become sexually mature? The one we were looking at was about 90 years old and still a teenager, right?

(JN)

It wasn't sexually mature at any rate. I didn't expect that from its size of 3.22 meters either. Females become sexually mature at the earliest from four meters and up.

(MKI)

Okay. I'd like to hear how you conceived of the technique to age-determine the Greenland shark and what inspired that work? How did one come to suspect that they could live to be so very old?

(JN)

I developed the age-determination technique in collaboration with researchers from Denmark. Norway, Greenland, the USA, and England. There are many people who have had various good ideas throughout the process, and in my PhD I tried to combine these different ideas and make an estimate of the Greenland shark's longevity. For me personally, it all started when, undertaking a student job on a research vessel in Greenland in 2010, we caught two or three huge sharks as bycatch. One weighed 1,045 kilograms and was 4.5 meters long – not maximum size, but a really big shark nonetheless. During my studies a year later, I attended a lecture by a professor at the University of Copenhagen, John talked about the Fleng Steffensen, who Greenland shark; among other things about a 50-year-old study carried out by Poul Marinus Hansen, who was a Danish biologist and who was also interested in Greenland sharks. He had tagged and released sharks in the hope that he could later recapture them and see how much they had grown in the intervening period. But Marinus Hansen never caught his own sharks again. He was just catching new sharks all the time, at the same time as his sharks were being caught all over Greenland by commercial fishermen who couldn't measure the animals properly. So Marinus Hansen didn't really get any data he could use, with the exception of one shark that was caught by a close acquaintance of his. He measured it with absolute precision, and it turned out that it had grown only eight centimeters – from 262 cm to 270 centimeters – over the course of 16 years.

(MKI)

Wow.

(JN)

This led Marinus Hansen to conclude that, although his study was overall a failure, it indicated that the Greenland shark grows extremely slowly. A 270-centimeter shark is still just a teenage shark,

probably not even sexually mature yet. From there, John Fleng Steffensen continued his lecture by saying that he was in contact with a dating expert from Aarhus University, Jan Heinemeier, who had an idea for how to investigate the Greenland shark's age, even though it does not have calcified otoliths in which you can count yearly growth layers, which is the normal age-determination had suggested that method for fish. Jan they take the shark's eve lenses, wherein one finds some proteins that have not been renewed since the shark's embryonic stage. He believed that one would be able to estimate their age using carbon-14 dating, and then Jan had said to John: "If you bring some shark eyes, I will try determine the age of the shark." That's why John was collecting shark eyes. He had already caught some sharks in West Greenland of two or three meters, and the preliminary results indicated that the sharks were indeed very old. And then he said: "The largest shark known, and which I would really like to examine..." - because when you are carrying out such a survey, you want them big - "is a shark of 1,005 kilos, which was captured a hundred vears ago." And then I raised my hand and said: "I myself helped catch a one weighing 1,045 kilos last year." Then John said: "I think the two of us should have a chat." So it was never me who got the idea for the method, but I knew from my student job where you could get hold of the sharks, and that was what started both my thesis and PhD project to determine the longevity of the Greenland shark using chemical methods.

(MKI)

And that has given you a basis for investigating its age at sexual maturity, so that you can better make a general threat assessment for the species? But the shark we looked at in Nuuk in 2021 also prompted a new observation, right? There were these little slits down along the side of the shark (of which I owe you a drawing, by the way).

(IN)

Yes. That was very strange. I have yet to figure out what that is. After all, sharks have different senses: sight, smell, hearing, touch, taste, as well as an electrical sense located in the so-called "ampullae of Lorenzini", centered around the mouth, which enables them to and other electrical impulses sense the heartbeats example, lie hidden in the from prey that, for deep. In addition, sharks also have a sixth line - with which they can sense - the lateral feel pressure changes in the water. The Greenland shark has all of this too. But, once we had it under a good light inside a laboratory, we saw that there were vertical slits running down the side about a centimeter high in addition to the normal sensory pores that are part of the lateral line system. I have written to some scientists who know a lot about sharks and rays, but they had never heard of these slits. So I haven't yet figured out if it's some sort of opening to part of the lateral line system that looks different than you'd expect - it's possible or if it's something else entirely.

(MKI)

I, at least, witnessed that the slits were there. And that they ran all the way down the side of the shark.

(IN)

We also saw something else that I've never seen before, and while it's not advanced biology, it's pretty exciting. Before our study, which showed that the Greenland shark can live for hundreds of years, the bowhead whale was considered the world's longest-living vertebrate. And the funny thing was that the shark we dissected in December 2021 had a piece of bowhead whale in its stomach. Greenland sharks are omnivores and they also like to eat carrion when they have the opportunity, and I would think that is the case here.

(MKI)

But the shark isn't just a scavenger, is it?

(JN)

When you see or catch a Greenland shark, they just seem so lazy and slow and tired in everything they do. So it doesn't look like an animal capable of catching anything that is alive. But I think that in reality what you see is a tired and exhausted animal that has been sitting on a longline or in a trawl for a long time. I think they are capable of doing more than you think, even if only for a limited time. Inside the stomach of the shark that we dissected, in addition to this whale blubber, we also found various small crustaceans. which the Greenland shark has certainly not actively sought out and eaten itself. It doesn't bother to eat small animals like that, but they have been eating something dead, and then the shark has come along and swallowed it all, including the small crustaceans, which are what you call "scavenging fauna". However I have often observed completely fresh prey in the stomachs of Greenland sharks - fresh seals and fish without scavenging fauna - and I therefore believe that the Greenland shark is capable of catching live prev. even though it seems so slow. However, we only have circumstantial evidence; no one has ever seen or filmed a Greenland shark break the water surface to catch a seal.

(MKI)

And what about the bowhead whale? What are its overall characteristics?

(JN)

The bowhead whale is quite special. In the old days it was simply called "right whale" because when the English fishermen came to the Arctic to catch whales in the 1600s and 1700s, it was the bowhead whale that was "the right whale to catch" because it was so slow. And they are gigantic. Not quite as long as the blue whale, in fact almost completely round, and then they get really old too. Chemical studies of the eye and the eye lens have shown that the whales can also live to become more than 200 years old. It is not quite as old as the Greenland shark, which we estimated in 2016 could live to be somewhere between 272 and 512 years old based on carbon-14 dating of proteins in the eye lens.

(MKI)

Speaking of names. Nowadays these two animals are called bowhead whale and Greenland shark respectively, but the whale was previously called "right whale". Likewise, across the Nordic-Germanic languages the shark has passed under names such as "havkal", "hákarl" and "håkjerringa" – that is, variations on merman and mermaid. What do you think lies in those names, and in the change from one to the other?

(JN)

I have no idea, but in Norwegian they call the shark "håkjerringa", which means something like "the shark's wife", "shark wife", or "shark bitch".

(MKI)

I think that "kælling" – and "kjerringa"/"kjäring" – was originally just the feminine version of "karl," i.e. "man".

(JN)

I thought it was just some kind of affectionate version of "kælling", i.e. bitch?

(MKI)

Yes, but basically I think that "kælling", "kjerringa" and "kjäring" are just old Nordic words for "woman".

(JN)

No matter what, in Norwegian you have a related name for the porbeagle shark: "håbrann". When I was out catching Greenland sharks for my PhD project in Norway, some people would come up to me and say: "If you catch a male. I would like some of the meat." And then I was "Why do you only want the meat like: from the male Greenland sharks?" to which they responded: "Because the males are excellent fish to eat." And then I was like, "What? There is no difference between males and females, is there?" But then it dawned on me that this fisherman, because he was a fisherman, thought that "håbrann" - the porbeagle shark - was a male Greenland shark.

(MKI)

Oh, I see! How funny!

(JN)

And then there's the Danish name, "havkal", which is connected to the Icelandic "hákarl". But in Iceland, "hákarl" denotes both the Greenland shark and the basking shark, which is probably the reason why there is some confusion about the size of the Greenland shark. There are many fishermen who will say that they once caught a seven- or eight-meters long Greenland shark. Now it just so happens that the largest Greenland shark that has been measured by someone who knew what they were dealing with was 5.5 meters.

The basking shark, on the other hand, can grow to be much larger. It can be up to 12 meters long. For a biologist, it is difficult to imagine how one can confuse those two animals, but for laymen it can easily happen, because just like the Greenland shark, the basking shark is a large gray shark that lives in the North Atlantic and which is also caught from time to time.

I have come across lots of headlines from local newspapers, including recent ones that come up on Facebook, where it says, for example: "Eight-meter long Greenland shark caught." But then someone in the comment section is bright enough to identify it as a basking shark. And then it gets fixed. But that doesn't happen in hundred-year-old literature.

(MKI)

No, of course not.

(IN)

And it just so happens to be in the old literature that you find descriptions of the really big Greenland sharks. This is why you may have to question even verified sources, if there are findings that do not match your own empirical data. Because even if something has been said or quoted so many times that it appears beyond questioning, it may in fact be based on a mistaken observation. Returning to the question whether or not the Greenland shark is an endangered species, then ves, if you're years old when you become over 100 fertile, there are definitely some warning lights that start flashing. But equally, if you give birth to hundreds of pups once you become sexually mature, and do so several times in your life, then that is something that mildens the threat assessment. It is therefore important to get an overview of the various factors, not just age and longevity.

(MKI)

Do you know how long the shark's cycle is?

(IN)

No one knows. All we know is that they can get pregnant and give birth several times in their life. You can see that when they have given birth once, their uterus is enlarged. Then after they give birth, it contracts again, but it is still somewhat dilated. It's just like a balloon: once it has been inflated, it is easy to distinguish from a new balloon. We have also seen examples of uteri that had been in use and where new eggs were forming. This is how we know that they can give birth to pups at least twice and probably many more times. You have to remember that when you are 4.5 meters, you still have a long life ahead of you and can live at least another 100 years.

(MKI)

Yes, then it's just about making a lot of pups!

(IN)

Yes, because why would the Greenland shark take 100 years to become sexually mature, only to have pups once or twice, and then live as a, a...

(MKI)

A gerontofish.

JN)

Yes. It would be completely unique if it just said: "That was it. Now I'll just swim around for 100 years and wait until I drop dead to the bottom of the sea."

That would be biological idiocy, wouldn't it? As a general rule, fish have more pups the bigger they get, and their offspring improve with age.

(MKI)

Is that right? Okay.

(JN)

Because of its longevity and its frequency as bycatch, all these alarm bells are ringing among different NGOs that want to monitor the Greenland shark and have different "conditions", as they call it. But I am trying to get through with a message saying that there are also many things that indicate that the Greenland shark is not endangered, because of its high fecundity. That is not to say, however, that bycatch is not a problem, because it is, and it is super important with a continued focus on it.

(MKI)

How should the fishermen react when they catch it? If the shark gets into the trawl, it's broken, right?

(JN)

The trawl can be repaired. But it is a problem that the shark crushes the catch. And then the fishermen generally just think it's a huge hassle, getting it out on deck and then having to maneuver it back into the sea. So in order to protect the Greenland shark, we have started monitoring them with satellite transmitters to find out where they are when they become sexually mature. Do the large sexually mature females frequent waters where there is also a lot of fishing activity taking place, or is it just juvenile teenagers there? Not that the teenagers are not important, but one will always aim to primarily protect a species' breeding area. However, it requires large amounts of data to identify their swimming patterns. We have some hypotheses, but that work is still ongoing.

(MKI)

Can you lift the veil a bit?

(JN)

Generally the smaller Greenland sharks are able to adapt to all kinds of water – cold (< 0° Celsius) and warm (> 4° Celsius) - while the large sexually mature females seek out areas with warmer water and stay there for longer periods of time. This could be because they have to make so many eggs and pups and therefore have to get a lot of energy (food) to boost their metabolism. This is typically in the southern parts of Greenland, where they gather in certain places. So if I were to point out one area in Greenland worth listing with a view to protecting the Greenland shark, it would be the area around Paamiut. Here, the ice cap reaches all the way down to the sea, and when you sail past you can see how the water is completely turquoise due to the leaching of, among other things, silt from the inland ice. You can also see large uneven patches at the base, probably causing the water to swirl upwards, generating a large production with many seals and whales.

This is a real treat for Greenland sharks, and in addition the water has the right warm temperature.

(MKI)

Then it's probably also a good place to fish.

(JN)

The fishermen should not fish there if we want to protect Greenland sharks in Greenland, that's for sure!

(MKI)

Tell me, what role does fishery play in a Greenlandic context?

(JN)

Fishery is *the* primary source of income in Greenland's economy. So it is important to find a way to secure the industry, while at the same time protecting the various animal populations, including the Greenland shark. For example, Greenland shark bycatch used to be a big problem in shrimp fishery because they would crush the catch.

(MKI)

Well, that's easy to imagine.

(JN)

But now the shrimp-fishermen have installed these grids that keep large fish out of the trawl. By contrast, bycatch of Greenland shark remains a major problem in halibut fishery to the extent of jeopardizing their MSC certification as sustainable fishery. As a consequence, they have been told to find a solution within two to four years as well as identifying the scope of the problem. But the industry is not always capable of reliably carrying out impartial investigations.

(MKI)

You mean investigating itself?

(JN)

No, then it's better to get researchers like us on board. There are currently some Canadian researchers who are investigating whether the sharks may survive being caught by the commercial boats. Because, unfortunately, it seems that there is a fairly high mortality rate among the sharks that come in as bycatch, even if they are released alive afterwards. It is therefore an ongoing obligation to explore methods to reduce shark mortality in connection with bycatch. To this end, I suggested that a metal plate be mounted on the boats, with which the shark could be pulled back into the water. In that way, it would be released into the sea without the fishermen having to manoeuvre the animal itself. But it requires that they agree to pay for satellite tags to check whether the sharks survive, and the price is approximately 15,000 Danish kroner per tag. And many sharks have to be tagged for the study to be of any use, so it is an expensive project and the fishermen have to pay for it themselves. When the project was recently presented to the industry, there was therefore someone saying: "Well, well, but now Julius will stop working at the

Greenland Institute of Natural Resources because he is moving to Denmark, meaning that there is probably not going to be as much focus on it in the future. Why don't we just wait a bit and see if the problems continue when he is no longer here to alert all these different committees." Such is the harsh reality, unfortunately.

(MKI)

Ouch. But is that because there are so many different interests that have to be taken into consideration: the fishermen's economy, political considerations, as well as the wellbeing of the animals?

(JN)

Yes, exactly. But no matter what, it can only be in the interest of the fisheries to maintain their MSC certification, which increases the price and value of their catch, while also securing the country's tax revenues. But the Greenland shark is also important to Greenland in other ways: even if it is locally considered to be annoying and ugly, and is resented for stealing the catch from the for Greenland to longlines, it is important be able to show that not too many sharks are killed. Because in the global world, sharks and other deep-sea fish are super charismatic and something people really care about. Unfortunately, I doubt anything will happen before the industry has a direct financial interest in it.

(MKI)

How is the Greenland shark distributed across the northern North Atlantic? Now we call it the Greenland shark, but it is also caught in both Iceland and Norway, just as there are several examples of beached Greenland sharks along the west coast of Jutland.

(NI)

If we were to give it a name that would indicate the scope of its distribution, I would call it the North Atlantic deep-sea shark.

(MKI)

North Atlantic deep-sea shark?

(JN)

Yes.

(MKI)

And then think of the "North Atlantic" as the whole of the northern North Atlantic? Because when I hear "the North Atlantic," I immediately think of Greenland, the Faroe Islands, and Iceland?

(JN)

Yes and no. I mean the northern North Atlantic Ocean, because the North Atlantic Ocean is just the Atlantic Ocean from the Equator upwards. But now I said "North Atlantic", and that is because it has also been observed in England and as far south as the Canary Islands and the Azores. It is also caught frequently in Skagerrak, where it is a commonly found fish at depths of 400 to 500 meters.

(MKI)

But they are not caught as frequently as bycatch in the commercial fisheries in Skagerrak as in Greenland?

(JN)

Yes and no. I think that the fishermen in Skagerrak are aware that in Denmark it likely generates more problems than likes if they post a picture of a Greenland shark that has been caught as bycatch. So I just think that they don't talk about it even if it happens. When in the context of my research, I have had to identify its distribution, I have always written "the northern North Atlantic".

(MKI)

Yes. Exactly.

(JN)

Then at least I feel that I know what I mean.

(MKI)

Ha ha ha.

(JN)

But I don't know if others do...

(MKI)

So we suggest North Atlantic deep-sea shark, or northern...

(IN

Northern North Atlantic deep-sea shark.

(MKI)

Northern Atlantic deep-sea shark, or northern deep-sea Atlantic shark...

(INI)

That will be your task then: to figure out what it should be called. You can go and give it a think.

(MKI)

Okay.

ODE TO THE DANAIDES

AQQALUK LYNGE

(Danish colonialism in Greenland)

Contemptible beasts
now I know
the mistakes of the past:
effective export production
modern society in Greenland
all the official optimists
who are cynical in private
and don't believe in the whole thing one bit
Government grants are business propositions
realism, realism
a real mummer's play

Now I know
that Danish colonialism hides itself in ministeries
(not in defense or in justice
but in Northern Affairs)
Inhuman humanistic imperialism
cold war against the cold
- when you find areas in a country
with foreign languages, habits and laws
then the problems start!
A great deal of luck is needed to preserve them
especially when the conqueror lives in his new territory

The evangelist Hans Egede said: THE BIBLE is my weapon the king of Denmark said: MONEY is my weapon

– either you have to win the people over or else you have to destroy them –

Greenland

- the Danaides' trough
Completely gluttonous
they sent pigs
sent beasts
sent sewerpipes
sent colonialism
"sentisme"

Greenland

- we are the indulgence vendor's coffer

- as the money of Greenland jumps

out of Greenland

my soul slowly departs

The Thule people pushed out
- strategically

The coalminers of Qullissat relocated – uneconomic

The Greenlandic cod production
– unprofitable

The Greenlandic people
- unqualified

The Greenlandic culture
- urbanized

Greenland, you are bottomless Greenland, you fall endlessly

If you harm someone do it so thoroughly that you do not fear revenge

Kalaallit Nunat, the land of the skaelings
you with your enchanting, untrue name – Greenland
Sheep in wolves' clothing
completely frozen at the top
at the bottom, emptiness
the indulgence vendors' Klondike
– the Danaides' hobby

Must they have the pleasure

of the power and the glory
for ever and ever?

(with thanks to Machiavelli)

New amended version in English by Aqqaluk Lynge from The Veins of the Heart to the Pinnacle of the Mind (Montreal: International Polar Institute Press, 2008)

O-OVERGADEN

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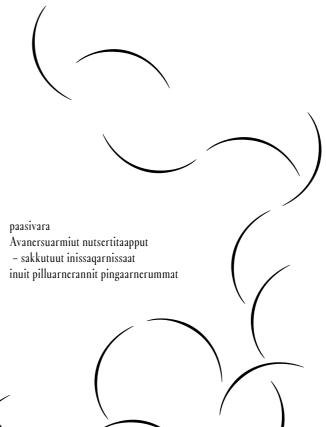
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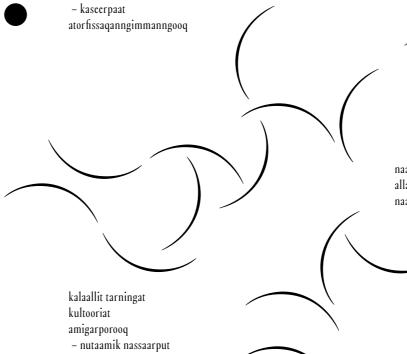
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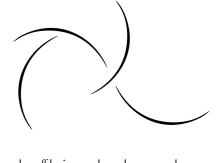
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naalagaaffik pissaanerlu naalannassuserlu allat pigiinnassavaat naassaanngitsumik?

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mangler grønlandsk kultur grønlandsk sjæl

urbaniseret kasseret ny kultur læjs yn

at man ikke behøver at frygte hævn skal man gøre det så grundigt – skader man nogen grønlænder du falder bundløst Grønland du er bundløs

(Temanummer af: Litteratur & Samfund, nr. 19-21, 1977) Grønland – Imperialisme med Dansk Assigt Dansk version fra Litteratur & Samfund:

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Trykt i 150 eksemplarer

DYNYIDEBNE ODE LIF

- liqeəmmum tə nebis realisme realisme statstilskud er det samme som et erhvervsliv og ikke tror en døjt på det hele som privat er kyniske alle disse officielle Grønlandsoptimister moderne samfund i Grønland effektiv eksportproduktion ljət enəbitrot – nu ved jeg det med sikkerhed Forbandede bæster

og der skal stor lykke og store evner til at bevare dem så begynder vanskelighederne med fremmed sprog, sæder og forfatning - når man erhverver områder i et land kold krig mod kulden Inhuman human imperialisme men under Grønlands ministerier (hverken under krigs eller justits) Jeg ved at dansk kolonialisme skjuler sig i Nu ved jeg det.

Apostel Hans Egede sagde: BIBLEN er mit våben personligt bosætter sig i det nye land -Det bedste og virksomste middel vil være at erobreren

eller også må man udrydde dem – - enten må man vinde menneskene for sig Kongen af Danmark sagde: PENGE er mit våben

udsendt kolonialisme udsendte kloakrør udsendte kræ nive othnosbu ganske umætteligt af danaidernes kar

- når pengene i Grønland klinger vi er afladskræmmerens kiste - bnslnard - udsendtisme

- ngennt min sjæl ud af Grønland punger -

strategisk Thulefolket forjaget Jeg ved det

nøkonomisk Kasseret Outdligssat

urentabel Kasseret Den grønlandske torsk

Окау. (MKI) Det kan du lige tænke lidt over. Du får lov til at rode med, hvad den skal hedde. (NI)dybhavs-atlanterhavshaj... Vordlig atlanterhavs-dybhavshaj, eller 'nordlig (MKI) Nordlig nordatlantisk dybhavshaj! Så vi foreslår 'nordatlantisk dybhavshaj'; eller 'nordlig... Men jeg ved jo ikke, om andre gør det... (NI)Ha ha ha. (WKI) Så føler jeg i alt fald, at jeg ved, hvad jeg mener. Ja. Nemlig. (WKI) skrevet 'the Northern North Atlantic,' udbredelse i kontekst af min forskning, har jeg altid det, selvom det sker. Vår jeg har skullet indkredse dens ind som bifangst. Så jeg tror bare, at man ikke taler om de lægger et billede op af en grønlandshaj, der er røget at det i Danmark giver flere problemer end likes, hvis Både og. Jeg tror, at fiskerne i Skagerrak er klar over, kommercielle fiskeri i Skagerrak som i Grønland? Men de bliver ikke fanget lige så hyppigt i det (WKI) forekommende fisk. den på 400-500 meters dybde er en almindeligt Ligeledes bliver den fanget hyppigt i Skagerrak, hvor Kanariske Øer og Azorerne. syd som De observeret i England og så langt mod og det er fordi, den også er 'nordatlantisk,' fra Ækvator og op. Men nu sagde jeg jo for 'Nordatlanterhavet' er jo bare Atlanterhavet Ja og nej. Jeg mener 'det nordlige Nordatlanterhav,' Færøerne og Island? man siger 'Nordatlanten,' så mener man Grønland, Atlanterhav?? For umiddelbart tænker jeg, at når Og så tænke 'Nordatlanten' som 'det nordlige (WKI) Nordatlantisk dybhavshaj? (MKI)



så det er et dyrt projekt, og de skal selv betale for det. hajer, hvis man skal kunne bruge undersøgelsen til noget, 15.000 kroner per mærke. Og der skal mærkes mange der kan undersøge om hajerne overlever, og de koster cirka

den barske virkelighed er. her forskellige udvalg." Og det er jo desværre sådan, når han ikke længere er her til at pippe op til alle de ikke lige vente og se, om problemerne fortsætter, på det fremadrettet. Så skal vi meget fokus og så vil der nok ikke være så til Danmark, Julius Jo på Naturinstituttet, fordi han flytter var der da også en, der sagde: "Ja, Ja, men nu stopper Da projektet for nylig blev præsenteret for industrien,

og dyrenes trivsel? og hensyn på spil: Fiskernes økonomi, politiske hensyn Av. Men er det fordi, der er så forskellige interesser

når fiskerne har en direkte økonomisk interesse i det. jeg tror desværre først, der kommer til at ske noget, karismatiske og virkelig noget, folk bryder sig om. Men verden er hajer og andre dybhavsfisk nemlig super slår alt for mange ihjel. I den er det vigtigt at kunne vise, at man ikke langlinerne, grim, og stjæler fangsten fra måder: Selvom man lokalt synes, at den er irriterende, grønlandshajen er også vigtig for Grønland på andre og selvstyret kan sikre sine skatteindtægter. Men fordi de dermed kan få en højere pris for deres fangst, fiskeriets interesse at bevare deres MSC-certificering, Ja, nemlig. Men uanset hvad, kan det kun være i

stranden langs den jyske vestkyst. der er flere eksempler på, at de er skyllet op på den bliver også fanget i både Island og Norge, ligesom Atlanterhay? Nu kalder vi den jo 'grønlandshaj,' men Hvordan er grønlandshajen distribueret i det nordlige

'jensvendyb udbredelse, så ville jeg kalde den 'nordatlantisk Hvis den skulle have et navn, der angav dens

Men hvilken rolle spiller fiskeriet i grønlandsk kontekst?

fordi de kvaste fangsten. grønlandshaj tidligere et stort problem i rejefiskeriet, grønlandshajen. For eksempel var bifangst af beskytter de forskellige dyrebestande, herunder man kan sikre fiskerierhvervet, samtidig med at man økonomi. Så det er vigtigt at finde en måde, hvorpå Fiskeriet er dén primære indtægtskilde i grønlandsk

Ja, det er jo nemt at forestille sig.

erhvervet troværdigt kan lave uvildige undersøgelser. afdække dets omfang. Men det er ikke altid, at på problemet inden for to til fire år, og at man skal det blevet indskærpet, at der skal findes en løsning certificering som bæredygtigt fiskeri i fare. Derfor er i hellefisk-fiskeriet, hvilket har bragt deres MSCer bifangst af grønlandshaj fortsat et stort problem ud igen uden at lave problemer i trawlet. Derimod nogle gitre ned, sådan at store fisk bare bliver vappet Men nu har man i rejefiskeriet fundet ud af at sætte

(WKI)

Altså undersøge sig selv?

at fiskeriet indvilliger i at betale for satellitmærker, skulle hive og slide i selve dyret. Men det kræver, På den måde ville den ryge ned i havet, uden at man på bådene, som hajen trækkes tilbage i vandet med. foreslog jeg, at man kunne montere en metalplade dødeligheden relateret til bifangst. Og i den forbindelse er derfor at udforske metoder til at mindske Et igangværende arbejde levende ud bagefter. selvom de bliver sat ,12gnefid mos bni de hajer, der kommer stor dødelighed blandt fiskeriet. For det ser desværre ud som om, der er en ret at undersøge, om hajerne kan overleve at blive fanget i på banen. Der er pt. nogle canadiere, der er i gang med Nej, der er det bedre, at de får nogle forskere som os

> fortsat er fokus på det. bifangst, for det er det, og det er super vigtigt, at der dermed ikke sagt, at det ikke er et problem med ikke er truet, fordi de har så høj fekunditet. Men der også er rigtig meget, der tyder på, at grønlandshajen jeg prøver at trænge igennem med et budskab om, at og have forskellige 'conditions,' som det hedder. Men interesseorganisationer, der vil overvåge grønlandshajen

(MKI)

Hvis hajen går i trawlet, er det vel ødelagt? Hvordan skal fiskerne gebærde sig, når de får den ind?

i havet igen. på dækket, for derefter at skulle manøvrere den ud generelt bare, at det er et kæmpe besvær: At få den ud problem, at den knuser fangsten. Og så synes fiskerne Trawlet kan godt repareres. Men derimod er det et

bud, men det arbejde er stadig on-going. identificere, hvordan de svømmer, og hvor. Vi har nogle yngleområde. Dog kræver det store mængder data at man vil altid primært gå efter at beskytte en arts teenagere? Ikke fordi teenagerne ikke er vigtige, men dér, hvor der er meget fiskeri, eller er det bare juvenile kønsmodne: opholder de store kønsmodne hunner sig at finde ud af, hvor de befinder sig, når de bliver har vi iværksat overvågning med satellitsendere for Så for at kunne beskytte grønlandshajen bedst muligt,

Kan du løfte lidt af sløret?

sæler og hvaler. Den slags er guf for grønlandshajer, hvirvles op og skaber stor produktion med mange i bunden på soklen, der formentlig gør, at vandet indlandsisen. Man kan også se store ujævnheder er helt turkis på grund af udvaskning af bl.a. silt fra man se, at vandet man sejler forbi, kan til havet, og når indlandsisen helt ned ud for Paamiut. Нет коттег ville det være området beskytte grønlandshajen, Grønland, man med fordel kunne frede for at steder. Så hvis jeg skulle pege på ét område i af Grønland, hvor de klumper sig sammen bestemte deres metabolisme. Det er typisk i de sydlige dele have en masse energi – mad – for at sætte gang i at de skal lave så mange æg og unger og derfor skal opholder sig i lange tidsperioder. Det kunne skyldes, hunner opsøger områder med varmere vand, hvor de og varmt (> 4° Celsius) - mens de store kønsmodne kan være i al slags vand - både koldt (< 0° Celsius) Normalt gælder det for mindre grønlandshajer, at de

og så er der tilmed den rette varme temperatur.

Så er det sikkert også et godt sted at fiske.

at beskytte grønlandshajer i Grønland. Fiskerne skal hvert fald ikke fiske dér, hvis man ønsker

bygge på en fejlobservation. det er blevet en sandhed, kan det i virkeligheden godt noget er blevet sagt eller citeret så mange gange, at sin egen empiri. For selvom at stemme med udsagn, man ikke kan få til hvis der er ved selv verificerede kilder, spørgsmålstegn man kan være nødt til at stille Det er derfor, finder beskrivelser af de virkelig store grønlandshajer. Og det er tilfældigvis i den gamle litteratur, at man

over de forskellige faktorer. Ikke kun alderen. Derfor er det vigtigt at danne sig et samlet overblik af dit liv, så er det noget, der opvejer trusselsbilledet. du er blevet kønsmoden, og gør det flere gange i løbet tilsvarende: Hvis du får hundredevis af unger, når først nogle advarselslamper, der begynder at blinke. Men gammel, når du bliver kønsmoden, så er der helt klart er truet eller ej, så ja: Hvis du er over hundrede år For at vende tilbage til det med, om grønlandshajen

Ved du hvor lang, hajens cyklus er?

leve mindst hundrede år endnu. foran dig og kan và har du jo stadig et langt liv de 4,5 meter, på, at når du kommer op på Man skal huske og sikkert også mange flere. ved vi, at de i alt fald kan føde og hvor hajen var ved at danne nye æg igen. Derfor eksempler på en livmoder, der havde været i brug, nemt at skelne den fra en ny ballon. Vi har også set ballon; når først den har været pustet op, så er det igen, men den er stadig udvidet. Det er lige som en udvidet. Efter de så har født, trækker den sig sammen at når de har født en gang, så bliver deres livmoder gravide og føde flere gange i deres liv. Man kan se, No one knows. Det eneste, vi ved, er, at de kan blive

Ja, så er det da bare med at lave en masse unger!

to gange, og derefter leve som sådan en, en... på at blive kønsmoden, for så bare at få unger én eller Ja, for hvorfor skulle grønlandshajen bruge hundrede år

bedre og bedre afkom med alderen. for fisk, at de får flere unger, jo større de bliver, samt ville være biologisk idioti, ikke? Generelt er det sådan venter på, at jeg falder død ned til havbunden." Det was it. Nu svømmer jeg bare rundt i hundrede år og Ja. Den ville være helt unik, hvis den bare sagde: "That

Er det rigtigt? Okay.

En gerontofisk.

alder og dens hyppighed som bifangst, er der en masse Fordi alarmklokkerne ringer på grund af dens høje

af 'hajens kone,' hajkone' eller 'hajkælling.' man hajen 'håkjerring,' som betyder noget i retning Det skal jeg ikke kunne sige. Men på norsk kalder

(WKI)

Jeg mener, at 'kælling' oprindeligt bare femininum

4. grillasi' la Jeg troede, at det bare var sådan en lidt kærlig version

og 'kjerringa'/'kjäring' - bare er gamle nordiske ord ja, men i bund og grund mener jeg, at 'kælling' -

altså sildehaj, var en grønlandshaj-han. fiskeren - for det var en fisker - troede, at 'håbrann,' hunnerne?" Men så gik det op for mig, at ham her Der er sgu da ikke nogen forskel på hannerne og supergode spiscfisk." Og så var jeg sådan "What? fra grønlandshaj-hannerne?" "Jo, for hannerne er Og så var jeg sådan: "Hvorfor vil du kun have kødet fanger en han, så vil jeg gerne have noget af kødet." i Norge, oplevede jeg folk, der sagde: "Hvis du var ude og fange grønlandshajer til mit ph.d.-arbejde for sildchajen: 'håbrann.' I forbindelse med, at jeg Uanset hvad, så har man på norsk et relateret navn

Yal Hvor sjout!

meget større. Den kan blive op til 12 meter lang. at gøre, var 5,5 meter. Brugden derimod kan blive blevet målt af nogen, der vidste, hvad de havde med det bare sådan, at den største grønlandshaj, der er fanget en grønlandshaj på syv-otte meter. Men nu er eksempel mange fiskere, der siger, at de engang har størrelse. Der er for omkring grønlandshajens grunden til, at der kan være forvirring tormentlig er og brugde, hvilket er 'hakarl' fællesbetegnelse for både grønlandshaj forbundet med det islandske 'hákarl.' Men på Island Og så er det danske navn – 'havkal' – som er

i Nordatlanten, og som også bliver fanget en gang grønlandshajen er brugden en stor grå haj, som lever for lægmænd kan det sagtens ske, for lige som hvordan man kan blande de to dyr sammen. Men For en biolog er det svært at forestille sig,

gør det jo ikke i hundrede år gammel litteratur. det som en brugde. Og så bliver det rettet. Men det kommentarsporet, der er kvikke nok til at identificere grønlandshaj fanget." Men så er der lynhurtigt nogen i hvor der for eksempel står: "Otte meter lang også i nyere tid – som kommer op på Facebook, Jeg har set masser af overskrifter fra lokalaviser -

(WKI)

Nej, selvfølgelig ikke.

tro er tilfældet her. ådsler, når de har muligheden for det, og det vil jeg Grønlandshajer er altædende, og de spiser også gerne 2021, havde et stykke grønlandshval i maven. Og det sjove var, at den haj, vi dissekerede i december

(WKI)

Men hajen er ikke kun ådselsæder, vel?

end man tror, om end i kort tid ad gangen. et trawl i lang tid. Jeg tror, de er i stand til at gøre mere, langline eller i udmattet dyr, der har siddet på en ser et træt og jeg tror, at man i virkeligheden levende. Men stand til at fange noget som helst dyr, der er i de laver. Så det ligner ikke et de bare så dovne og langsomme og trætte i alt, hvad Når man ser eller fanger en grønlandshaj, så virker

en sæl i overfladen. eller filmet en grønlandshaj, der lige kom op og tog 'circumstantial evidence' - der er ingen, der har set selvom de virker så langsomme. Vi har dog kun grønlandshajerne er i stand til at fange levende bytte, uden scavenging fauna - og derfor tror jeg, at i maverne på grønlandshajer - friske sæler og fisk Men jeg har også flere gange set helt frisk bytte krebsdyr, som er det, man kalder 'scavenging fauna.' hajen kommet og har slugt det hele, inklusive de små dyr, men de har siddet og spist noget dødt, og så er opsøgt og spist. Den gider ikke spise sådan nogle små som grønlandshajen med garanti ikke aktivt selv har det her hvalspæk nogle forskellige små krebsdyr, I maven på den haj, vi dissekerede, fandt vi ud over

overordnede karakteristika? Og hvad så med grønlandshvalen? Hvad er dens

kulstof-14-datering af proteiner i øjelinsen. 272 og 512 år gammel baseret på et sted mellem estimerede til at kunne blive 80m vi i 2016 højt som grønlandshajen, også kan blive over 200 år gamle. Det er ikke helt så undersøgelser af øjet og øjelinsen har vist, at hvalerne helt runde, og så bliver de rigtig gamle. Kemiske helt så lange som blåhvalen, men nærmest bare sådan fordi den var så langsom. Og de er gigantiske. Ikke grønlandshvalen, der var 'the right whale to catch,' for at fange hvaler i 1600-1700-tallet, var det whale.' Når de engelske både kom til Arktis den simpelthen 'rethval' - eller på engelsk 'right Grønlandshvalen er helt speciel. I gamle dage hed

i de navne, og i skiftet fra det ene til det andet? havmand og -frue. Hvad tror du, at der ligger hákarl' og 'håkjerringa' - altså variationer over germanske sprog gået under navne som 'havkal,' rethval. Ligeledes er hajen på tværs af de nordiskog grønlandshaj, men at hvalen tidligere blev kaldt nu til dags bliver kaldt henholdsvis 'grønlandshval' Nu kom du selv ind på det med navnene: At de

> år." Så sagde John: "Vi to skal vist lige have en snak." har selv været med til at fange en på 1.045 kilo sidste år siden." Og så rakte jeg hånden op og sagde: "Jeg "er en haj på 1.005 kilo, der blev fanget for hundrede

> grønlandshajen ved hjælp af kemiske metoder. speciale- og ph.d.-projekt med at aldersbestemme fat i hajerne, og det var dét, der satte gang i både mit men jeg vidste fra mit studiejob, hvor man kunne få Så det har aldrig været mig, der fik idéen til metoden,

c(As gningət langs siden på hajen (som jeg i øvrigt skylder dig en en ny observation, ikke? Der var sådan nogle slidser haj, vi kiggede på i Nuuk i 2021, gav også anledning til tegne et generelt trusselsbillede for arten? Men den dens alder ved første kønsmodenhed, så I bedre kan Og det har så givet jer et grundlag for at undersøge

impulser fra byttedyr, der for eksempel ligger gemt dem i stand til at mærke hjerteslag og andre elektriske omkring munden, og som gør centreret lorenziniske ampuller, der er i de såkaldte elektrisk sans, som er lokaliseret synssans, lugtesans, høresans, følesans, smagssans, ud af, hvad det er. Hajer har jo forskellige sanser; Ja. Det var mega underligt. Jeg har endnu ikke fundet

sidelinje-sansen. i tillæg til de normale porer, som er en del af løb nogle vertikale slidser på en centimeters højde ned langs siden i et laboratorium, så vi, at der gangs skyld havde den i god belysning inde grønlandshajen også. Men, da vi for en de kan mærke trykændringer i vandet. Alt dette har Derudover har hajer også en sidelinjesans, hvormed

eller om det er noget helt andet. anderledes ud, end man ville forvente - dét er muligt slags åbning til en del af dens sidelinjesystem, der ser Så jeg har endnu ikke fundet ud af, om det er en hajer og rokker, men de havde aldrig hørt om slidserne. Jeg har skrevet til nogle forskere, som ved en del om

løb hele vejen ned langs hajens side. Jeg er i alt fald vidne på, at de slidser var der. Og at de

hvirveldyr. verdens længstlevende grønlandshvalen for år gammel, anså man kan blive hundredevis af der viste, at grønlandshajen er det ret spændende: Pør vores studie, og selvom det ikke er avanceret biologi, Vi så også noget andet, som jeg aldrig har set før,

han kunne bruge, med undtagelse af én haj, som blev dyrene. Så Marinus Hansen fik ikke rigtig noget data, fiskere, som ikke kunne lave ordentlige målinger af alle mulige andre steder i Grønland af kommercielle bare nye hajer, samtidig med at hans hajer blev fanget aldrig sine egne hajer igen. Han fangede hele tiden mellemliggende periode. Men Marinus Hansen fangede fange dem og se, hvor meget de var vokset i den og genudsat hajer i håb om, at han senere kunne var interesseret i grønlandshajer. Han havde mærket den danske biolog Poul Marinus Hansen, som også blandt andet om et 50 år gammelt studie udført af John Fleng Steffensen, som fortalte om grønlandshajen; en professor på Københavns Universitet, der hedder var jeg til en forelæsning med et år senere rigtig stor haj. På mit studie mindre en størrelse, men ikke desto fra maksimal var 4,5 meter lang – et stykke 1.045 kilo og kæmpestore hajer som bifangst. Den ene vejede 5 Grønland i 2010 var med til at fange to-tre at jeg i regi af et studenterjob på et forskningsskib kan blive. For mig personligt startede det hele med, komme med et bud på, hvor gammel grønlandshajen ph.d. forsøgte jeg at samle disse forskellige idéer og forskellige gode ideer undervejs i processen, og i min og England. Der er rigtig mange, der har fået med forskere fra Danmark, Norge, Grønland, USA Aldersundersøgelsen har jeg udviklet i samarbejde

vokset otte centimeter – nemlig fra 262 cm til 270

fanget af en nær bekendt af ham. Han målte den

fuldstændig præcist, og det viste sig, at den kun var

Hold da op.

centimeter - i løbet af 16 år.

undersøgelse, vil man gerne have dem store mig at undersøge..." – fordi når man laver sådan en man kender til, og som jeg rigtig godt kunne tænke var meget gamle. Og så sagde han: "Den største haj, meter, og de foreløbige resultater tydede på, at hajerne allerede fanget nogle hajer i Vestgrønland på to-tre var John i gang med at indsamle hajøjne. Han havde hajøjne, så skal jeg prøve at aldersdatere hajen." Derfor havde Jan sagt til John: "Hvis du kommer med nogle aldersestimere ved hjælp af kulstof-l4-datering, og så hajens fosterstadie. Dem mente han, at man ville kunne finder nogle proteiner, som ikke er blevet fornyet siden foreslået, at man tog hajens øjelinser, hvor man Jan havde metode til at aldersbestemme fisk. normale tælle vækstlag, hvilket er den wan kan selvom den ikke har øresten, hvori hvordan man kunne undersøge grønlandshajens alder, Universitet - Jan Heinemeier - som havde en idé til, var i kontakt med en dateringsekspert fra Aarhus Steffensen sin forelæsning med at fortælle, at han er kønsmoden endnu. Derfra fortsatte John Fleng bare en teenagehaj, som formodentlig ikke engang langsomt. En haj på 270 centimeter er stadigvæk indikationer på, at grønlandshajen vokser ekstremt hans studie overordnet set var en fiasko, så gav det Det fik Marinus Hansen til at konkludere, at selvom

er jo altid én, der skal være den sidste til at blive født. oprindeligt, det siger observationen ingenting om. Der Så om der har været 600, 500, 400 eller 500 unger

man kunnet tælle de evakuerede unger bagefter. bed på krogen. I et trawl eller garn derimod havde repræsentativt tal for, hvad der var derinde, før hun var fanget på en langline, fordi man ikke har noget man aldrig acceptere at tage afsæt i et individ, der Hvis man skulle publicere den observation i dag, ville

Klart. Men masser, masser af unger.

abyssal bjergkæde. Ryg syd for Island, der netop er sådan en undersøisk, centimeter, er udelukkende fanget fra den Midtatlantiske mindste grønlandshajer, som man har fanget på 40-50 være masser af liv omkring sådan nogle bjergtoppe. De er store dele af havet, vi ingenting ved om, og der kan undersøiske bjerge på fire-fem kilometers dybde. Der der ikke er noget kommercielt fiskeri. For eksempel ved at grønlandshajen føder derude – eller dernede – hvor små, som stort set aldrig bliver fanget. Jeg tror derfor, i tillæg til de store hajer have mere information om de efter kommercielle arter. For hvis de gjorde det, ville vi ikke føder der, hvor man fisker grønlandshajen mange hajer. For mig tyder det på, at at der bliver fanget rigtig på trods af, fanget en gravid grønlandshaj ved Grønland svært at bevise endeligt, for der er aldrig nogensinde grønlandshajen som art har potentiale til. Men det bliver Vemlig. Hundredevis af unger. Det er i alt fald det,

Okay, vildt nok.

hvad der er i dem. levende ud igen, i stedet for at skære dem op for at se, - som er min arbejdsplads - at man sætter hajerne været kutyme på Grønlands Naturinstitut ærinde. Er man ikke det, har det altid et specifikt den slags, fordi de er ude i nørder som mig og enkelte andre, der kigger efter for at se, hvor mange unger, de har. Det er kun super-Fiskerne står jo ikke i deres fritid og dissekerer hajer i Grønland, som er blevet dissekeret og undersøgt. lille del af de grønlandshajer, der er blevet fanget Det skal selvfølgelig siges, at det jo kun er en ekstremt

teenager, ikke? Den, vi kiggede på, var omkring 90 år og stadig en Hvor store og gamle er de, når de bliver kønsmodne?

Hunnerne bliver tidligst kønsmodne fra fire meter og op. heller ikke forventet ud fra den størrelse på 3,22 meter. Den var ikke kønsmoden i hvert fald. Det havde jeg

mistanke om, at den kan blive så gammel? og hvad der inspirerede det arbejde? Hvordan fik man har fundet ud af at aldersbestemme grønlandshajen, Okay. Jeg kunne godt tænke mig at høre, hvordan du

> den mest utrolige, nemlig at den med stor sandsynlighed simpleste forklaring i grønlandshajens tilfælde er altså Squaliformes-arter. Den nogon sod æg i livmoderen er ikke påvist af ubefrugtede med at spise at hinanden og ungernes adfærd (Lamniformes) end grønlandshajen (Squaliformes), og Sandtigerhajen tilhører en helt anden gruppe af hajer

Men fanger man også ungerne som bifangst?

får hundredvis af unger per graviditet.

I forhold til sidstnævnte og til spørgsmålet om gravide haj for 50 år siden, var 57 centimeter lange. at de her ti unger, som man fandt i livmoderen på den grønlandshajer, man kender til. Derudover ved man, - det er størrelsen på de mindste fritsvømmende bliver født, når de er omkring 40-50 centimeter surveys, når de cirka én meter lange. Vi tror, at de at dukke op i de kommercielle prøver og i vores Nej, det er altid de store hajer, man fanger. De begynder

de har sat en langline, og at hajen ikke er taget i et en alarmklokke, der ringede hos mig, for det betyder målrettet at fange grønlandshajer. Og dér var der så at de fiskere, der fangede den gravide haj, var ude for i første omgang fik ungerne fra fiskerne. Han skriver, en bog, som blev skrevet af den biolog, der grønlandshaj. Siden har jeg imidlertid fundet sikkerhed, at det var en рәш рәл blev den fotograferet, så man flytning. Dog et museum, men den er desværre forsvundet i en der skrev artiklen. Porskerne gemte én hajunge på en biolog, som siden gav dem videre til de forskere, i sig. Fiskerne tog ungerne med hjem og gav dem til fangede en haj og opdagede, at den havde ti unger inde dét fund, får man at vide, at der var nogle fiskere, der Læser man den videnskabelige artikel, der kom ud af man fangede dengang, kun havde ti unger inden i sig: i øvrigt godt, at jeg kan forklare, hvorfor den haj, forholdet mellem antallet af æg og unger, så tror jeg

Окау

hun er ved at dø. rokker. Hun spytter simpelthen bare ungerne ud, fordi for at redde ungerne. Det er generelt for alle hajer og whatever - så laver hun en evakuering af sin livmoder på en krog, bliver fanget i et garn, er ved at dø af en gravid haj er i en livstruende situation - sidder tænkte Jeg: "Dét var lige præcis også vigtigt!" For hvis Da jeg læste, at de havde fanget hende på en langline,

i flere timer, inden de skar hende op. mens hun sad på krogen. Der har hun sikkert siddet sandsynlighed har evakueret langt de fleste unger, unger per graviditet, så tænker jeg, at hun med stor antagelsen om, at grønlandshajen kun får omkring ti til grund for det resultatet, der har etableret hele Når jeg derfor læser denne information, som ligger

(WKI)

Har du nogle teorier?

syv centimeter i diameter. 649, 455 og 400 æg på sekstalt henholdsvis af en haj med æg. I de tre tilfælde er der blevet er der en tredje 50 år gammel beskrivelse mit projekt også har fundet én. Derudover i sig, og så har jeg nogle kollegaer, der i rammerne af Jeg har selv været med til at finde en haj, der havde æg særlig meget om grønlandshajens reproduktionsbiologi. i forhold til andre hajer, men generelt ved man ikke dét punkt er grønlandshajen ikke så usædvanlig med en one-liner. Min teori er nemlig, at på lige præcis godt op af videnskaben. Men det er svært at besvare Jeg har i dén grad nogle teorier, og de er også bakket

at grønlandshajen får op til ti unger. observation har man sidenhen antaget, i 50'erne ved Færøerne. På baggrund af denne ene centimeter var blevet fanget af nogle fiskere engang at en gravid hun med ti fuldvoksne unger på cirka 37 I tillæg hertil findes der én artikel, der rapporterer,

som moderen er i stand til at producere. modne æg i samme størrelse afspejler det antal unger, der er grundigt undersøgt, gælder det, at antallet af er Squaliformes. Og for alle andre Squaliformes-hajer, andre hajer i den familie, grønlandshajen tilhører, som videnskabelige litteratur og undersøge information om er en vigtig detalje. Man kan nemlig dykke ned i den bruge ti af dem? Netop det, at de er (næsten) lige store lave så mange æg i samme størrelse, hvis den kun skal med at spørge mig selv, hvorfor i alverden den skulle Men når jeg så ser 649 æg, kan jeg ikke lade være

eller i løbet af et år eller cyklus? Laver den nye æg? Betyder det, at den får 600 unger i løbet af sit liv,

usædvanlig i forhold til alle sine nærmeste slægtninge. trods hundredevis af æg, ville den være enormt skulle tro, at grønlandshajen kun Tår ti unger Hvis man er tilfældet for grønlandshajen. født. Jeg er helt overbevist om, at dette også siden at blive hvor de udvikler sig til fostre for samtidig, for dernæst at komme over i livmoderen, størrelse – udvikler æggene sig samtidigt: De befrugtes Hos Squaliformes-hajer - hvor æggene har samme

Men kan det være, at ungerne spiser af hinanden inde

bliver født én stor kannibalistisk unge per graviditet. at ungerne spiser hinanden, sådan at der fra hver livmoder hos sandtigerhajen, videre. Og det er udelukkende slægter, og så i forskellige ordener, familier, grupperer sig forskellige slags hajer, som i grønlandshajens tilfælde. Der findes cirka 500 en myte for hajer, men det er meget usandsynligt Det kan jeg godt forstå, du spørger om, for det er lidt

wow.

om, hvor mange af dem, der bliver til unger. æg i samme størrelse. Og det åbner for spørgsmålet Det er usædvanligt for en haj at have så mange store

meter, som havde 649 appelsinstore æg inden i sig.

haft ekstremt mange æg. Særligt var der én haj på 4,7

på. Nogle af de grønlandshajer, jeg har dissekeret, har

reproduktionsbiologi - altså den måde de formerer sig

almindelig, og på andre helt særlig, hvad mener du så?

Når du siger, at hajen på nogle måder er meget

venter på at indgå i studier ledet af andre forskere.

har vi allerede brugt, men der er endnu flere, som

lever, hjerte, hjerne, parasitter, osv. Mange af prøverne

at undersøge, hvad de har spist, og taget vævsprøver af

fire meter, bør man undersøge så mange forskellige ting

hvilket har betydet,

that traming iv tach

bliver sent kønsmodne.

som muligt. For eksempel har vi kigget i maverne for

Og når man har en kæmpestor død haj på typisk tre-

helt klart nogle alarmklokker, der ringer, fordi de kan

Det et åbent spørgsmål, om det er et truet dyr, men der er

komme til at overfiske den til et punkt, hvor den bliver

Ja, for spørgsmålet er vel, om man via bifangst kan

og hvornår de bliver kønsmodne, fordi det kan sige

Blandt andet har vi undersøgt, hvor gamle de bliver,

vi gennem årene lavet forskellige undersøgelser.

Så for at kunne besvare nogle af de spørgsmål, har

- vil man gerne vide, hvad det er for et dyr: Hvordan

man fanger meget af et dyr - ikke mindst som bifangst

som specielt bliver taget på langliner og i trawl. Og når

- i stedet er den bare en irriterende og hyppig bifangst,

ikke længere nogen målrettet fangst af grønlandshajen

andre er den helt utrolig speciel og fantastisk. Historisk

man sige, at grønlandshajen er en almindelig fisk; på

i fiskeriet omkring Svalbard. På nogle punkter kan

lige som det sker i Norge, Island, arktisk Canada og

fiskeri, som er den primære indtægtskilde i Grønland,

hvor den fanges i kæmpestort antal som bifangst,

Ikke mindst spørgsmål knyttet til det kommercielle

en række ting, der gør det vigtigt at forske i hajen.

vi graver – kun bliver mere fascinerende, er der også

bidrage til at øge forståelsen for et dyr, der - jo dybere

Så ud over at jeg personligt synes, det er interessant at

forbrændings- og lampeolie fra dens lever. Nu er der

set har man fanget den målrettet for at udvinde

noget om artens og bestandens sårbarhed.

bliver det påvirket? Hvad er dets biologi?

at vi har skullet tage prøver fra øjnene på døde dyr.

det med alderen i fokus, I vores undersøgelser

blive så gamle og først

decideret truet?

Det gælder eksempelvis i forhold til deres

(WKI)





Marie Kølbæk Iversen

bifangst i det kommercielle fiskeri. for at dissekere en haj, der var blevet fanget som din mor i 2020, til vi mødtes i Nuuk i december 2021 fra den første kontakt og overdragelse af hajøjne via samtale med mig. Det har været en spændende rejse, Pørst skal du have mange tak for at have denne

der gør forskning i grønlandshajen relevant? i den? Hvad er det for interesser og udfordringer, tgitgiv təb 19 og meningsfuldt at forske grønlandshajen, og hvorfor fanger man hvilke omstændigheder et dyr. Under at fange så gammelt og stort som helligbrøde Vi har tidligere talt om, at det umiddelbart virker

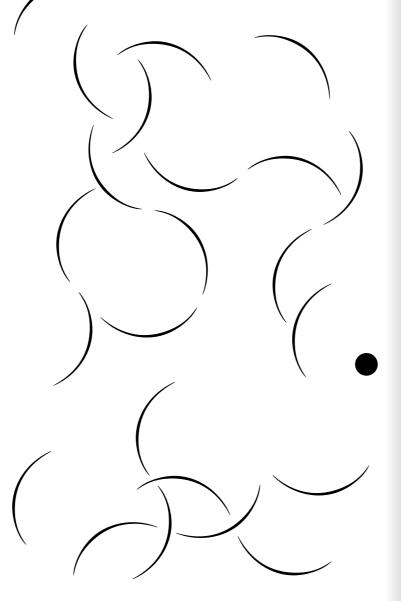
Julius Nielsen

spørgsmål, man ikke havde styr på. men der var mange helt fundamentale biologiske omkring grønlandshajen. Man vidste, at den fandtes, speciale og siden ph.d. - var der et kæmpe videnshul Da jeg startede med min hajinteresse - først som undersøge, og som vi har undersøgt gennem tiden. Der er forskellige ting, som er væsentlige at

> imellem 1875 og 1895. bind 2, del d. Vandander, indsamlet af Evald Tang Kristensen og Adeluds i Bjærget, samt Danske sagn. Som de har lydt i folkemunde, Hustru og Mands Moder, Agenetaa i Bjærget, Havfruen danser o Tilli, Der eiteres frit fra følgende folkeviser og -sagn: Brudens kirkefærd,

> The ocean is losing its memory (2022) at Hui Shi, m.fl. (Nature), cenneth Olwig, Aedens natur (1986) af (2018) af Julius Nielsen, nəfahələnəlnərə bəm tədyb I Rammel og frugtbar (2020) af The Darkness box (1975) at Ursula K. Le Guin, Granlandshajen -Beastly Belonging in the Premodern North (2018) at Dolly Jørgensen, af Andy Flack, Hyrdeliv på Heden (1941) af H. P. Hansen, Floating Coasts (2019) af Bathsheba Demuth, Dark Trails (2022) af Marie Bregendahl, Bitch (2002) af Lucy Cooke, Dertil citeret frit fra og henvises til: Filtret høst (1957)

Omkring Ulfborg, Vosborg og ud mod Husby) i marts 2021 og 2022. udarbejdet på grundlag af feltarbejde i Midtvestjylland (området og The Waves (1931) af Virginia Wolf. Denne historie er samtidig



skygge og efterlod ingen spor. Hun rejste sig og gik i land. Kastede ingen Ulm gav Há bjørnen i rav og skeletperlerne. guldblommet skjorte at svøbe sig i, når hun var modig.

Ulm med guldbelagt bryst og glødende fingre. sandhjælme. blandt blåmunke og hviler hun i lyng strenge. Hver middag over guldharpens løber hendes fingre vandrer hun i guldblommet skjorte med Hå. Hvert gry Hver skumring spiller hun fløjte af perlemor. Hver nat fårene. De drak hendes mælk, og hun fulgte dem. På de græsklædte klitter ventede marchalmen og

kunne spille, når hun var sindig. Han gav hende en

Skumringens mod lå stadig i Ulm. Hå gav hende en

langs strømme, gennem rander, over banker. Lyset

Rede, hule, vugge. Hun vævede og spandt

Strømme gennem hendes rygsøjle og ud

De så lysende ismasser som prismer til dybet.

Skibstrafik og færgesang, olietræk og vindfang.

Han fortalte om bombebølger, der endnu

skibe. Han var blød og fortalte historier. Hun lyttede

Siden là de stille og betragtede de vuggende bunde af

formet i rav, og Há lærte hende at rejse vejret så stort.

kavaler. Hun var hans dronning. Hun fandt bjørne

Med skeletperler og i havsilkekjole. Hå var hendes

Havets arkiv. Havets hukommelse.

Yngel. Sine temperaturer, sine lyde, sine samfund.

sine gennemrejsende. Sit tidevand, sine fødesteder.

og bagom hendes nakke, ned langs rygsøjlen og ud Varme strømme mod panden; strøg hende over issen

mærkede Ulm nu bølger fra havdyr og planter.

"Hvad ser du bag dine åbne øjne?"

"Hvert vandsted har sine folk, sine lugte,

Há svarede ikke, men ned langs hver side

"Hvordan kan du se i mørket?," spurgte hun.

Orernes snegle spidse som fyrretræer.

Guldbelagt fra finger til bryst.

Ulm vandrede gennem det land, hvor luften

De gemte sig mellem dem. De mødte sæler og isbjørne.

Gammel legesyge. Vuggeviser.

De drak vin med stor lyst. Hun dannede 649 æg.

blev stærkere. En dag stod de, hvor de mødtes.

Så drog de videre. Smurte sig i mudder, rejste

Há fulgte Ulm til sin mødrende ø, en højderyg.

De spiste. De søgte mørket. De vandrede.

med tangplanternes tråde.

Her mødte hun de andre.

vuggede gennem dybet.

Arvemasse," hviskede han.

og var elektrisk.

i hendes bækken.

sorgfuld. Han gav hende en harpe af guld, så hun fløjte af perlemor, så hun kunne spille, når hun var

Ulm i havets silke.

"Hvad ser du bag dine åbne øjne?"

Ulm med hede, hav og klit.

kultur, mammut og næsehorn. Svømmede en vidstrakt sandbanke. Flød over vraggods og død gennem algebælter og stenrev, sild og makrel. Nåede blod. De var langsomme jægere. Passerede dybe rander Hun rev sig på hans hudtænder, han slikkede hendes De sank og vandrede langsomt over den sandede bund. og kæbe. Trængte ind i næse og mund. Vandet var salt. hendes hofter. Så hendes liv, så hendes bryster, hals Hun gik ud i vandet til Hå. Vandet sluttede sig om

muslinger i massevis. blandt marsvin og slangestjerner. Gods og

stod ved hver af hendes sider. Skumringens skjul gav farvet som fersken, siden som honning. Sol og Måne sænkede sig, og månen rejste sig. Funklende stor, først lod hun skeletperlerne løbe mellem fingrene. Solen Husets ejer spillede tværfløjte, og mens Ulm lyttede,

til perlemor. I natten skiftede månen atter farve, nu

kom, var himlen syntetisk lyserød. Klitterne lå forsølvede, og da morgengryet

Månen sank. Solen steg.

skar i benet. Børnene var her ikke. Dæmringens lysning Det var koldt. Hun svøbte sit hoved i skind. Bækkenet fingerspidser. Marchalmen stak hendes venstre hånd. rosenfingrede dronning. Strøg duggen med sine Ulm småløb mod klitterne. Opmuntret af den

gav hende mod.

som uoverskuelige bølger, der havde gjort holdt. lå nærmest endeløst. Værmest som klitterne, nærmest salte hav. Som nåle på tråd gennem havsilke. Havet raslede. Fugle skreg i gryet. Hornfisk sprang fra det gik hun uden at efterlade sig spor. Skeletperlerne På sandet ved havets mund, kystens kant,

silkebånd nærmede sig kysten, brød og slyngede sig En krøllet kappe. De brede midnatsblå

øjeblik. Ulm kaldte, men han sank igen. Bag hende Langt ude i horisonten rejste havkalen sig et langsomt "Og havets bund står åben for mig." mod sandet. Krusninger af hvidt skum over sten og grus.

Marchalmen stod modig, og sandet lå sindigt. op igen, denne gang tættere på. Betragtede hende. sandet. Kiggede op, ud over havfladen. Han dukkede sine fingre gennem hendes kinder. Hun løb saltvand løb over go ,bnes thåy mos gnut børnene. Børnene var der ikke. Ulm var dem, samlede skaller og småsten med huller i. Sten til rejste de græsklædte klitter sig. Hun lænede sig mod

Med det våde sand kiggede hun tungt på ham. Med dem rejste Ulm sig og gik mod vandkanten.

De betragtede hinanden. Vi kalder ham Há.

Ulm tog sine uldsokker af og løsnede skindet

om sit hoved. Gav dem til ham.

Há gav hende guld, og Ulm fyldte bryster

"Dronning," hviskede Há, og ud af havsilken og fingre fuld.

"Havets bund står åben for mig." hviskede Strømmen omfavnede hendes underben. steg gusen. Den fyldte hendes lunger og øjne.

nogi nud

Engang var landjorden fuld af sådanne Krøllet silkestof spundet af tusindtråd.

Engang begyndte havet at stige. Tog landjord finmaskede fletværk. En enorm silkekjole.

og bugter ujævne og fligede. Fordøjede kultur og og bopladser i sin mund. Efterlod sig kyster, fjorde

samfund i sin mave, mens landjorden ledsagede

dem, der måtte vandre.

i lyngtæppet bag klitterne. Står samlet som

Uldsokker og lammeskind.

nedsænket i en gryde bag klitterne.

Her fandtes varm suppe, en seng og en brændeovn.

Ulm fandt ly for natten i et stråtækt hvidkalket hus,

vindblæste klitter. "Marint forland med voldsletter,"

Havet nærmede sig, og hun ankom til de grågrønne, fuldmånen til. Græslandet bredte sig ud foran hende.

villaveje. Adgang forbudt alle vegne. De skubbede

af. Hun gik langs de ørkenlignende pengemarker og

lugte den svedne lyng, se hvor plejerne havde brændt

en graviditet. Hun krydsede flade hedesletter, kunne

lyset viste eftermiddag. Hun trak på det ene ben.

Det var bækkenet, der værkede. En forskubning under

mod vest. Gik med harpiks og mosset fugtlugt. Gik til

Fra klitheden bevægede Ulm sig gennem fyrreskoven

hals. En kæde af skeletperler hang på hendes bryst.

De er samlinger af mineraler, som også jord og mus

Hvirveldyr. "Knogler beskytter de sårbare organer."

lignede rester af et bækken og et stykke af en rygrad.

en figen, noget brød og ost, og tog en kop te. Knoglerne

lå godt dér. Med rygstøtte og udkig. Hun spiste endnu

I græsset lå en rad af knogler. Ulm havde hørt, at ulven

De ville fortælle, og de ville ikke fortælle.

Ulvetime. Hyrdetime.

Måske en hare, måske en hund?

opmærksomt spidsede ører.

Det vilde kød. Hundenatur.

kroppe af får og krondyr. De havde set døde ulve.

ulven kalde. De sørgede. De havde set døde afgnavede

Alligevel stak blikkene mod hinanden. De havde hørt

Ulm havde hørt dem fortælle om ulve.

bart og vindblæst med en skorpe formet af nattens dug.

bevægede sig op over de sovende bølger, og tiden gik.

Ulm rejste sig også. Hun havde ikke overblik over sin

vandring, men lod sig føre som af havets strømme,

Og fyrretræerne rejser sig i horisonten. Tømmer

med ismasser. Nogen siger: "Træerne kommer."

Lyset viste formiddag. Hun nåede en slugt, hvor sandet lå

Her var spor fra krondyr. Fugles mærkninger.

mistet sin mage. Det var hemmeligt, og de var stille.

Den sidste, en ensomt vandrende ulv, der havde

rygraden, sætte delene på en guldtråd, binde dem om sin

vandspejl. Sad hun mon i et ædespor? Hun så sig selv tage

Hun kiggede på et lille vandhul; et blankt

Og mens hun travede ad grusstierne, tog

Havets læber bevæger sig stadig, tungen ruller. Fyldes Ulm drak mere vand og spiste lidt knækbrød.

dværgbuske omkring sig. på de bugtende forhøjninger med lyng og andre og buskene var gamle og lidt forpjuskede. De stod kold og krydret lugt sig til kende. Enekrat kradsede, rejste sig af og til. I klitternes lune læ gav en dampet, Solen havde lunet fra morgenstunden. En kølig vind

lavninger gik en lille undersøger, en lille mor. Vi kalder væv af lav og mosser. Gennem disse forhøjninger og Nogle steder helt fast og mørkegrå med et farverigt Sandjorden lå grå-beige og tung efter natten.

og kiggede frem for sig. kant for at drikke lidt af det vand, hun havde med, lyksaligt forvildet i hendes blik. Hun satte sig på en virkede lidt forskrækket. Alligevel var der noget ikke almindeligt, at voksne mennesker faldt, og hun Hun var snublet og gledet nogle meter ned. Det var

nærmest som et hav. Uoverskuelige bølger, der havde Klitterne løftede sig. Nærmest endeløst,

Et krøllet hav. Silke i brede striber.

meget langt væk. Kom nærmere. Atlanterhavets østkyst fandtes ikke. Eller den var flydt og fosset gennem dette sted. Ud mod havet. Smeltevandet fra den sidste iskappe havde

"Weichsel," hviskede hun. "Eem."

Navngivninger af tid.

Birke-fyrretiden – da Nordsøen var tørlagt

Hassel-fyrretiden – da Østersøen var og skovjægerkulturen gik i land.

ferskvandssøen Ancylussøen, og Atlanterhavet

Uroksetiden fandtes. Med vildheste og Doggerland. udvidede sin grænse mod øst. Nordsøen flød over

menneskekroppe ledsaget af hunde. elge, bjørne og vildkatte. Jægere og samlere med

af stedsegrønne, vandhuller omkranset Mellem bankerne så Ulm små cyanblå himlen, som drev dem. vindene og vandet fra "Jeg rider...". Det var "De vandrer langsomt," mumlede hun for sig selv. og grus. Sænkede deres bevægelser, deres flugt. planternes levende rødder holdt på bankernes sand

guldkronede bær. Sandede baner med fodspor og riller. gulgrønne og grågrønne græsser. Uldne lyngbuske og De var deres energi.

Ulm spiste en figen fra sin madpakke. Buskenes og Det blev mennesketid. Kulturstepper og bøgetid. Kronhjortetiden fandtes.

(AK)at slutte vores samtale? perspektiv at overveje. Måske er det et godt sted Lige præcis. Syv generationer af hajen. Dét er et

Det svaret til 1500 år.

Syv generationer af havkalen. Nu snakker vil

den gennemsnitlige levetid for hajen, havkalen.

fra hinanden. Fordobles det ind i fremtiden, har vi

mig selv med, er Johanne og jeg syv generationer

Kristians far Viels' mor Johanne. Ja. Vår jeg tæller

Min mor Margits mor Majas far Johannes' far Viels

Jeg tror, Johanne er syv generationer fra mig...

åbner et kontinuum af 350 år fra fortid til fremtid. nærmer sig mellem 150 og 200 år i én retning – når man regner på det, afhængigt af forventet levetid, Disse syv generationer frem og syv tilbage - som, bevægelser og ting, der går ud over vores livstid. kulturen bevares, er det noget andet end at holde at holde fokus, ikke mindst i forhold til politiske og kultur er to væsensforskellige ting, og så længe Det har været virkelig brugbart og hjulpet mig til Det behøver ikke at handle om tradition. Tradition

et bestemt tidspunkt - at det er dér, det vigtige opstår. er indbyrdes forbundet, og som berører hinanden på at dét kontinuum - den kæde af generationer, der for at forsøge at reproducere den. Og jeg føler, er en slags rekapitulering af kulturen i stedet indspillet ved hjælp af moderne teknologier, er traditionelle, men som bliver fremført og traditionen i hævd. Jeg tænker, at disse sange, som

at han læste de bøger, som andre ville læse Bibelen høvding - fordi de var hans yndlingsbøger. Det siges, Mays romaner om Winnetou - en fiktiv Apacheskræmmende kan opstå. Hitler var optaget af Karl Og det er vel også hér, glidebanen til noget mere - især når en kultur er truet eller ved at forsvinde -Men der er også den der mærkelige dobbeltbinding

oprindelige folks tapperhed og krigerprincipper. til sine soldater, fordi han mente de præsenterede i krisestunder, og ifølge Gober uddelte han dem endda revitaliseret, og at det skal foregå på én bestemt måde. at folk kan blive utroligt opsat på, hvordan den bliver

Ja, de faldgruber er nok altid til stede, uanset om vi

kampe, som prekariserede mennesker står med. skade, og de slører de aktuelle problemer og relevante om overherredømme. Sådanne fantasier gør megen taler om rødt eller hvidt eller andre former for idéer

det fører til, at indfødte traditionen, fordi på fortiden eller på lgen, det er det farlige ved at fokusere for meget

hvilket er den mest brutale og konservative alle immigranterne", "lad os komme af med folk begynder at sige

højreorienterede gestus, man kan forestille sig.

Jeg mener, Jeg vil gerne transformere... en kapacitet, som mennesker fra Amazonas besidder? undertrykt fælledkultur, eller om det udelukkende er også gælder for mig som europæisk efterkommer af en fik mig til at tænke, om en sådan transformativ evne sig altid tilbage igen", hvilket transformerer "ja, selvfølgelig, men de han svarede sig til at blive moderne, og transformere Jeg spurgte, om de også kunne transformationer. transformation; transformationer, der transformerer siger sikrer sin kulturelle overlevelse gennem evig antropolog i Amazonas med en stamme, som han Meget sandt. En af mine venner arbejder som

på at bevare en kultur eller et samfund fremadrettet. for enhver form for handling eller tanke, selv med henblik i fremtiden i hu. Dét er den tidsmæssige rammesætning generationer tilbage i fortiden og syv generationer ind idé om, at du med dine handlinger skal komme syv generationer". Der, hvor Jeg kommer fra, er der en Det får mig til at tænke på idéen med "de syv

(AK)

"rødt overherredømme", og så er vi ikke nået videre. en fortid i mit tilfælde bare ville føre til idéer om til det du taler om, er, at overidentifikation med sådan uigenkaldelig fortid. Den anden ting, relateret til en at skulle være autentisk i forhold er det ikke kun det tveæggede sværd fortiden, fordi jeg føler at ved at fokusere på at orientere enhver form for baggrund mod fremtiden; tror Jeg, at det også er grunden til, at Jeg altid forsøger Jeg er fuldstændig enig med dig. I forlængelse deraf

(WKI)

ekskluderende formål på tværs af Vesten. det nordiske er blevet approprieret til nationalistiske og kulturel arv til at undergrave den måde, fantasier om i, hvad man kunne kalde en indfødt nordisk mytisk og består arbejdet også i at bruge min egen konkrete andel narrative og transformative handlinger. Så for mig som mænd, der var omdrejningspunkt for myternes det var lige så ofte kvinder strikke, synge – og skaffe mad, hyrde, slagte, for arbejde – at mænd og kvinder. Alle deltog i alle former arbejdsdeling eller statusforskel mellem Hvor jeg kommer fra, var der ingen kønnet af nordisk mytologi: kvindernes placering i samfundet. afviger fra en højreorienteret nyhedensk genfortolkning Og det er endnu et eksempel på, hvordan hendes viser havde kendskab til hedenske videns- og praksisformer. en kvinde, der levede på heden i 1800-tallet, og som den retning, og hun var heller ikke viking - hun var det så længe. Men min formors viser går slet ikke i Helt sikkert. Det er vel også derfor, jeg har undveget

oldemors viser, og hvad nytter det...? i stedet? Altså lige nu synger jeg bare min tip-tip-tipgennem arven fra vores respektive minoritære ophav findes punkter, hvor vi kan mødes og forene kræfterne af kapitalistisk ideologi, og jeg spekulerer på, om der moderne verden. Men de liv er så ekstremt overkodede begge moderne subjekter, der lever moderne liv i en sig og krydsbestøve hinanden. Jeg mener, du og jeg er hvor forskellige former for indfødt viden kan nærme undersøge, om det er muligt at forestille sig en position, Som en del af dette arbejde er jeg også interesseret i at

(AK)

Ja, men du synger sange, der næsten er blevet glemt!

vil nødvendigvis gå tabt, og burde måske gå tabt... i fortiden? Kulturer ændrer sig hele tiden; nogle ting er endnu et tilfælde af nostalgisk overengagement selvkritisk, kunne man spørge, hvordan det ikke bare Selvfølgelig, men hvis jeg nu skulle være lidt

og at ting skal have lov til at forandre sig. er brug for, er en fortløbende åbenbaring af kulturen, arbejde ud fra en idé om, at det, der i virkeligheden at genoplive ting, eller bevare dem som de var - burde som mig, som mente, at man - i stedet for at forsøge Jeg talte med en, der kommer fra det samme sted

> venstreorienterede grundene til, at så mange Jeg tror, at det er én af egne raceideologiske formål. nordisk og germansk arv til aktivt approprierede hedensk,

vikingeutopi, hvilket er lidt ligesom Atlantis eller For netop ikke at fremelske en slags uvirkelig og andre virkelige mennesker i folkemindesamlingen. fra min egen familie formuleringer og beretninger fast i de faktiske nøgternt blik og holde anlægge et meget været at forsøge at den måde jeg har tacklet det på, har Det har også spøgt i min egen forskning, men set i lyset af nationalsocialismens historie. vores egen kulturkreds: fordi de stadig bliver sig med historiske minoritære kulturer fra nordeuropæere viger udenom at beskæftige

eksempel det nordiske panteon. stedet for post-producerede mytiske gengivelser af for os fremad, har jeg valgt at kigge mod folkeminde i at række tilbage efter alternative værktøjer til at drive fuldstændig imod. I forsøget på pøq qem nationalstatsprojekt, der eller hvilket som helst i det danske, mytiske og spirituelle arv ind indlemme deres jysk underdrivelse. Derfor ville det være meget uetisk at i det danske projekt – for nu at udtrykke mig med en af i deres beretninger og sange, ikke særlig interesserede Derudover var mine forfædre, ud fra hvad jeg kan læse mod nutidens nationalistiske, nationaliserende kræfter. fremelske et spirituelt eller kulturelt kritisk kontinuum fantasien – eller hvad det nu er – kan jeg så forsøge at uudtalte forventninger, der er dér. Gennem kunsten eller kraft af min egen opvækst i Midtvestjylland med alle de arkivrester, jeg finder, som jeg kan sætte sammen i Så jeg prøver at angribe det nedefra og op; fra de

ufattelige grader af vold og fremmedgørelse.

og potent fantasi, der kan få folk til at forfalde til

Lemurien; det har aldrig eksisteret, men er en stærk

racistisk dagsorden. etnisk kategori, der kan nære en nationalistisk og der forsøger at identificere danskhed som en homogen stikker det en stor fed kæp i hjulet på ethvert projekt, og forsøgt at formilde hende med guld. For mig at se danske konge, fordi han har undertvunget hendes bror forsøg på at dræbe den i falkeham hendes hovedmotivet i sangen om heltinden Eksempelvis er højrenationalisme. fx den nyhedenske helt andre formål end den sætter det sammen på en anden måde og til om vikingemytologi og nordisk hedenskab, men er altså ikke helt forskellig fra nutidige forestillinger Den forestillingsverden, som sangene fremkalder, som rejste på tværs af verdener og tider i sin falkeham. gudinden Freja, som var den første Sejd-mester, og og falke. Sidstnævnte vækker associationer til Vanekapper, som var i stand til at forvandle sig til ulve for eksempel trolddomskyndige kvinder klædt i blå der knytter an til figurerer fra det nordiske panteon, Men i min formors viser er der alligevel mange temaer,

> få hold på det. Det er virkelig en af mine yndlingsfilm. og noget meget mere latterligt, og man kan aldrig helt mellem sådan en slags officiel, antropologisk stemme og de lavede en slags familiefilm, hvori han veksler

af den" – og den slags sammenfald. blevet bildt ind, at det kun stammer fra ét aspekt nogen dele af min herkomst, men alligevel er jeg og han har det lidt sådan "dette ligger ikke langt fra Hans ophav tæller både indfødte og hvide chilenere, ting som meget saglige og måske endda forbundne. ultimative begravelsesritual, og han præsenterer disse ens nære afdøde og blande den i banansuppe som det I filmen taler han også om at pulverisere asken fra

at fremmedgøre eller karikere hinanden? anerkende kraften i forskellige rituelle kulturer uden splitting - "de gør det her, men det gør vi ikke" - at i minoritære, rituelle praksisser uden at forfalde til Altså: kan der være en måde at omtale potentialerne Det går hånd i hånd med andet-gørende adfærd.

for at kunne blive en del af alt eller sådan noget. også et spørgsmål om at destabilisere dén autoritet perspektiv, at man selv har autoriteten. Så det er som helst over i den Anden, hvis man taler fra det perspektiv. Det er som om, man kan lægge hvad Ja, for fanden. Det er jo også et spørgsmål om

måder end den vestlige majoritære kultur? projicere eller forestille dig selv i fremtiden på andre dig adgang til at være et aktiv? At det giver komme fra en baggrund som din også kan hvor det at kan være en form for sted, diskussion, stadig som knytter sig til denne essentialiserede og essentialiserende dynamikker, Okay, så føler du, at der på trods af de mange

(AK)

efter deres egen. vender sig mod indfødte kulturers fortid i en søgen vanskeligt med hensyn til projektion, fordi folk ofte fortid. Og det er hér, det bliver spændende eller dem altid til at udforske deres egne etniske identiteters indfødte amerikaneres spiritualitet, så opfordrer Jeg interessant, for når folk spørger ind til for eksempel man så ofte bliver indplaceret i fortiden. Men det er altid forsøger at anlægge et fremtidsperspektiv, fordi på grund af den måde, jeg tænker og føler generelt -Ja, jeg tror, at jeg fra mit Ojibway-perspektiv – og

Ja, præcis.

afsøge og belyse. og sagn i jeres egen historiske baggrund, som man kan egentlig findes en rig kultur med skikke og modstand Selvom der, som din forskning så tydeligt viser,

(AK)

nationalsocialismens historie, og hvordan nazisterne Men en åbenlys hindring for dét arbejde er naturligvis

(AK)

Men det har virkelig været nyttigt. Jeg har stadig ikke helt fundet ud af, hvad det betyder.

alle samfund i virkeligheden altid har været, og fortsat "det irrationelle", og andre med "det rationelle" – selvom visse grupper eller etniciteter bliver forbundet med lignende nordeuropæiske eksempler, har medført, at etnografi, og den tilsyneladende overlagte glemsel af udbredelsen af Ndembu-eksemplet gennem akademisk blive helbredt eller lindret. Det er påfaldende, hvordan eller en grøstørv, som de syge trækkes igennem for at motiv optræder her: man laver et hul gennem jorden i Midtvestjylland, fandt jeg ud af, at et lignende rituelt om præindustriel medicin og rituelle praksisser den vestjyske historiker H.P. Hansens beretning i modsætning til vestlig medicin. Men da jeg læste umiddelbart en sådan praksis som noget, der står og hans informanter opfatter eksempelvis barnløshed. Både рош gennem en jordtunnel som kur en tur læge ordinerer kvinder eller par -nqwəpN uə nordvestlige Zambia, hvor han beskriver, hvordan Turners beretning om jorddragningsritualitet i det i forbindelse med min ph.d., stødte jeg på Victor Da jeg undersøgte forholdet mellem myte og ritual

er, præget af både rationelle og irrationelle træk.

Europas ld. sådan". At producere den racialiserede Anden som de folk derovre laver...!" eller "Vå ja, vi plejede at gøre som i "Ah ja, vi gør ikke den slags her, men tjek hvad psykoanalyse for det europæiske oplysningssamfund, Jeg kan godt lide idéen om etnografi som en slags

som "kannibalisme". ligger sådanne praksisser ikke langt fra det, man kender som kunne indtages eller smøres på huden. Set udefra personer, for derefter at blande asken med et ekstrakt eksempel brændte og pulveriserede kropsdele fra afdøde Ndembu-lignende jorddragningsritualer også for kun er et midt- og vestjysk træk, hvor man udover aktiviteter indtil for ganske nylig. Og det tror jeg ikke folk engagerede i ret elaborerede rituelle og magiske stammer fra begyndelsen af det 20. århundrede), var man ser på H.P. Hansens eksempler (hvoraf mange praksisser, så var det i forhistorisk tid. Men hvis os i såkaldt "irrationelle" rituelle eller spirituelle om, at i det omfang vi nogensinde har engageret Jal Det moderne Europa virker gennemsyret af en idé

bo hos Yanomami-stammen i ni måneder, og deres to børn flyttede til Brasilien for at til etnografi og antropologi. Han og hans kone filmen The Laughing Alligator, som var en fuckfinger i New York, og som var aktiv i 1970'erne. Han lavede Han var en chilensk kunstner, der boede Juan Downey? Nej? Han er vild. kunstneren epistemologi, overser pointen. Kender du der ikke tager højde for den bagvedliggende Det er endnu et eksempel på, hvordan en observation,

alvidende eller mest sand. vi med at privilegere vores egen position i nutiden som fortsætte med at være tilfældet. Hvis vi gør det, ender var helt anderledes, end videnskab er nu, og at det vil fastholder tanken om, at videnskab for 50 år siden bliver for stålsatte i vores egne overbevisninger eller i stedet, men fordi det er vigtigt, at vi heller ikke for bare at foreslå et eller andet gakket alternativ spørgsmålstegn ved det vestlige demokratis grundpiller, prøve at se det hele lidt fra oven. Ikke for at sætte jeg syncs også, det er virkelig spændende, hvis vi kan jeg altid med overhovedet at bringe det på bane, men mineret terræn – især 'post-truth' – og derfor tøver og demokrati. Det er selvfølgelig at bevæge sig ind på åndelig tro og nu kun tror på rationalisme, videnskab troens kraft, om hvordan venstrefløjen har opgivet På det seneste er jeg stødt på alt muligt skriveri om

som tro kan have. Og det er fordi, de alle stadig benytter sig af den kraft, ja, endda højrefløjen – har sådan en gennemslagskraft. spørger, hvorfor Standing Rock, Black Lives Matter -Grunden til, at jeg bringer dette op, er, fordi folk

forstår historien generelt. kan ændre den måde, vi Og hvordan det måske urealistisk eller uventet. selv hvis det er lidt fortælling og tjeneste - nəbitun lit blothol i Hvordan historien kan fungere som en for historicforståelse i forhold til sted og mytologi. tilbage til vores snak om havfolk og forskellige former kunne se ud. Og jeg tænker, at det måske fører os det er sekulær tro, for at finde ud af, hvordan det der kan ligge i at generobre troens kraft, selv hvis Det fik mig til at tænke på det radikale potentiale,

op for alternative indfaldsvinkler til fremtiden? at forstyrre den måde, vi fortæller den på, og åbne for at forlade virkeligheden, men for at finde måder fortælling i forhold til forskellige politiske kampe; ikke kan eksperimentere med det åndeliges potentiale som Ja. Og hvis kunst kan være et sted, hvor venstrefløjen

vælge det ene eller det andet. hinanden og skabe en falsk dialektik, hvor man skal at gøre dem til modsætninger og sætte dem op mod at forholde sig til begge ting på samme tid, frem for radikalt - og det fik mig til at tænke på muligheden for Sacred." Det er så enkelt, men så effektivt og alligevel det projekt, og de har det her slogan: "Pro Science. Pro med nogle aktivister, der er involveret i kampen mod på toppen af en hellig vulkan på Big Island. Jeg mødtes forskere forsøger at bygge et 50 meter bredt teleskop Hawaii og lærte om Mauna Kea-protesterne, hvor og det knytter an til noget, jeg hørte, da jeg var på Det er noget, jeg har tænkt en del over på det seneste,

(WKI)

Lige præcis!

en næsten sømløs måde. Så sømløst, at det virker helt er noget spirituelt, der løber sammen med historien på tjeneste: at disse mytologiske væsner i virkeligheden idéen om, at historien skal være et narrativ i nutidens rationelt svar. Men igen, noget jeg altid har med mig, er Det er et tabu, nu hvor alting skal have et logisk,

utroligt. Ligesom Drexciya.

eller skabe en verden, man kan forestille sig at bo i. - også kan bane vejen for andre narrativer til at forstå smerte og lidelse - eller oplevelsen af så meget traume På en lignende måde peger det på, hvordan ufattelig og det er dér, de er fra. Og jeg var bare sådan "wow!". der hed Drexciya. Og det er dér, deres musik er fra, under vandet, hvor de startede en slags sort Atlantis, fra Afrika til USA. Deres ufødte børn blev derfor født af de gravide mødre, der ikke overlevede overfarten technogruppe, og de opstår ud af en mytologisering perspektiv. De var en meget hemmelighedsfuld de arbejdede ud fra et Afro-pessimistisk, futuristisk technobevægelse, og jeg tænker, at man kan sige, at Drexciya var en gruppe, der var en del af Detroits

hjerteskærende. En total ombrydning af enhver

Det er et meget potent udgangspunkt og virkelig

forfærdelig larm og storm fulgte begravelsen, og hvis finde ud af det på, var, hvis en en havperson. Den eneste måde menneske eller man ikke vide, om det var et stranden, kunne haler. De har bare ben, så når man fandt et lig på I de vestjyske havfolkesagn har havfolk faktisk ikke fantasivæsner. opfattelse af havfolk som sådan nogen ahistoriske

par vanter. Jeg tror, at de - ved at være forbundne med hende endnu en sok eller et nyt par, ville de spå eller fra den ene fod til den anden. Hvis man så gav ham eller på havet, hvor de sad på en bølgetop og skiftede en sok Piskere kunne også møde en havmand eller -frue ude Sådan siger sagnet. var nødt til at føre dem tilbage til havet hurtigst muligt. eller hende op. I så fald var det en havperson, og man liget suttede på sin tommelfinger, når man gravede ham

sidde i en høj, hvor hun reder sit hår og flasher sit guld. om folk, der har set en kvinde – en elver eller havfrue – de væsner, som bor der. Der findes adskillige beretninger er vandet og undergrunden forbundet, og det samme er under grunden, mellem havet og forskellige kilder og åer, der lever i gravhøjene på heden. Pordi vandet løber de dødes sjæle i vandet - var beslægtede med elverfolk, hjælpe på forskellige måder. Man kunne også give dem et

og fastlåsthed på et tidspunkt kan forandres. i et meget dybere tidsperspektiv. At al essentialisme samme måde, som grunden under os er flydende, bare menneskets ontologiske 'andre', der er flydende på og kysten, mennesket og naturen. Og på havfolket som elverfolk og havfolk som grænsegængere mellem vandet Og for mig har det været inspirerende at tænke på

> at det også er en slags kolonisering af havet, er det så myndighedernes reguleringer. Men hvis vi nu tænker, fastlandet, så de ikke behøver at forholde sig til til kapitalismen, burde lave deres egen ø ud for der er kloge og dygtige nok, og som er gode nok

folks rejsemønstre og -måder. Men det bliver hurtigt forhistorien i relation til, hvad vi lærer i skolen om nu har vi jo lige talt om oceaniske vikinger, og om samme. Men så igen: måske er det ikke sandt, for havet og det ydre rum før 1492 på en måde var det vigtigt. Samtidig reflekterer værket også over, hvordan end interplanetarisk rumrejse, eller i alt fald lige så afsøger Christopher Columbus og 1492 som større arbejdet på en film, som hedder Nosferasta, der slags Atlantis, ikke? Jeg har gak. Som en selvom det også er totalt er ret tiltalende, over sig, der på en måde sig løs og etablere sin egen. Det har et anarko-liberalt man er underlagt en nation, beslutter sig for at rive staten eller samfundet som sådan, når man, så snart deres indbyggere, fordi det peger på en mistillid til i forhold til idéer om fælledbaserede samfund og Uanset hvad er det også interessant at se denne bog

slaget – helt op til 500 år – for at ofre. med at vende tilbage gennem flere århundreder efter rent faktisk blev en offerplads, eftersom folk blev ved også helligt terræn. Arkæologiske fund peger på, at det til et farligt men historie om slaget gjorde stedet traumatiske i kombination med selve den af alle de rådnende lig, og hvordan dette fra denne sø, og hvor giftig den må være blevet nærheden. Man kan kun prøve at forestille sig stanken faldnes knogler blev indsamlet og nedsænket i en sø i slag, der fandt sted i Alken Enge omkring år 0, hvor de det bliver trippet, at nye ting kan opstå. Jeg læste om et Det bliver trippet. Dog tror jeg også, at det er dér, hvor

fjendtlige i døden, som de var, da de var i live. men også meget farlig, fordi ånderne er lige så udtørret - hvilket gør den rituelt og magisk potent, ånder stadig bor i og omkring søen – som nu er Jeg tror, det har at gøre med troen på, at de faldnes

de levende i deres begær efter liv og hævn. udryddet (af os), og at de bliver ved med at hjemsøge tidslige forlængelser af kulturer og mennesker, der blev forestiller os havfolk og vandånder kan have: at de er om den – så ændrer det fuldstændig den agens, vi mod den slags menneskeligt liv, der opstod rundt ånder stadig er i søen, misundelige på og modvillige Og hvis man følger denne tankerække – at de dødes

(AK)

umiddelbart væsensforskellige ting sammen. på ting, eller bare den her forestilling om bringe isoleret og separeret. At tænke kreativt eller finde og spiritualitet, og hvordan disse ting er blevet det mærkelige skred mellem historie, narrativ Ja, ja, jal Det er også interessant at overveje

stadig på folkets præmisser?

Rodrejsende?

udforsker alle disse dybder; forestillingen om havfolk, der gjorde mig meget ydmyg. Især med jeg aldrig rigtig havde tænkt på. Det 0 % at den her planet er vand, var noget, geografi, og det pludselig at erkende, at jeg har rejst verden rundt og kender min mig til at tænke "Du godestel". Jeg føler, første gang sidste år, og bare det at se under vand fik Jeg tror, jeg kom i tanke om det, fordi jeg snorklede for sekunder på grund af dette underjordiske rodsystem. Så dukker de op 600 kilometer væk i løbet af få gennem rodsystemet, som om det var et metronet. så hopper de ind i et hult træ, hvorfra de kan rejse opdages, er, at hver gang nogen lægger mærke til dem, Ja. Og en del af forklaringen på, hvorfor de ikke

(MKI)

interesse i at vise sig for os.

om dem, vel? De har ingen

selvfølgelig ved vi ikke noget

forsøg på at forstå vikinge- og og Herb Kawainui Kāne i et Peter Buck/Te Rangi Hīroa hawaiianske historikere Sir trækker på ideer fra de Veil Price, hvor han jeg en tekst af arkæologen For noget tid siden læste

til landkulturer. grundlæggende forståelse af havkulturer i modsætning tilfælles, og hvordan de kan informere en mere forskellige egne på kloden, måske alligevel har noget interessant, hvordan disse to kulturer fra radikalt udfylde hullerne i deres respektive historier. Det er oceaniske søfarerkulturer gennem hinanden for at

(AK)

ikke i det. Det her er grundlæggende at leve pd. noget, de aldrig rigtig kan gøre. De lever på havet, At møde eller at opleve havet? For altså, det er jo

dem "hydrachies". fælledbaserede samfund. Linebaugh og Rediker kalder blevet lært at opfatte som pirater, faktisk var - er? ombord på skibe, og hvordan de grupper, vi er verden findes der beretninger om folk, der lever netop ved at være et slags mellemsted. Over hele potentialet for interkulturel udveksling og tilblivelse havet - selvom det ikke er i havet - der taler ind i endnu et aspekt af samfundsskabelse muliggjort af Det er rigtigt. Men det kunne måske opfattes som

Shrugged siger hun på en måde, at mennesker, bog er virkelig stor i Silicon Valley lige nu. I Atlas grundlag for nyliberale nulstats-filosofier. Hendes 70'erne. Hun skrev bogen Atlas Shrugged, der dannede Ayn Rand, en konservativ ideolog fra 1960'erne og Men bagsiden af den tankegang er sådan en som

hele tiden. siger, at de ser lemurianere - altså folk fra Lemurien i det nordlige Californien, Mount Shasta, hvor folk fantasi på grund af vulkantunnelerne. Og der et eted fastholdt som forsvandt, men Lemurien blev Atlantis og de konkurrerede på en måde. at der var Atlantis og så var der Lemurien Jeg tænker, mennesker under vulkantunneler. at der findes de her to meter høje, vikingelignende det er en del af en New Age-bevægelse, hvor folk tror, Vi undersøgte Lemurien med et lidt kritisk blik, fordi

men det er interessant, hvordan en sådan figur kan rejse. lemurianere. Ikke noget jeg ved nok om til at gå ind i, oprindelig havaiiansk mytologi, som centrerer sig om var på Hawaii, fandt vi ud af, at der også er en hel del forhold til oprindelige folks problemstillinger. Da vi New Age-påstand om at være en del af landskabet – i ideen om at 'være der først', eller en eller anden sær Vi har arbejdet med dem som en måde at afsøge

Så lemurianere er ikke havfolk?

som er den, der gør

måde. Sidstnævnte er måske mere New Age-versionen, som stråler af lys, der eksisterer på en eller anden betegnet som havfolk. Andre gange bliver de betegnet danne sig et entydigt billede. Nogle gange bliver de Der er forskellige udlægninger, og det er svært at

sig mest gældende i dag.

lemurianske mytologis forestilling om lavatunneler eller pludselig dukker op alle mulige steder, ligesom i den det muligt. Dét taler ind i ideen om mennesker, der mødte hinanden, længe før vi overhovedet kunne tro hele kloden som et resultat af, at folk rent faktisk former for konvergens og sammensmeltning over tænke på, hvordan der findes alle de her mærkelige over eller under jorden i stedet for rundt om den. At migrationer kunne finde sted, hvis man bevægede sig Oceanien til Afrika. Eller hvordan andre former for tiden var meget lettere at bevæge sig fra et sted som og vandmasser bevæger sig, og hvordan det før i Charlottenborg - har undersøgt, hvordan kontinenter var med på udstillingen på og arkitekt, der også Sean Connolly - en hawaiiansk kunstner

2. Peter Linebaugh and Marcus Rediker, "Tyger! Tyger!" in The who-belongs-to-the-land – last accessed August 7, 2022), pp. 31-52 March 17, 2022 (canopycanopycanopy.com/contents/ 1. Lou Cornum: "Who Belongs to the Land" on Triple Canopy,

tegn på Bigfoot. Sasquatch. Og der, hvor jeg kommer

jeg voksede op, hævder mange mennesker at have set

underjordiske gange, der forbinder verden. Der, hvor

fra, bliver de kaldt rodrejsende.

of the Revolutionary Atlantic (Boston: Beacon Press, 2000), p. 555

Many-Headed Hydra: Sailors, Slaves, Commoners, and the Hidden History

må findes, ikke? opstod i Europa og Asien, men på samme tid. Så de kom jeg til at tænke på havfolk og drager; altså drager I den forbindelse - og måske er det lidt stenet -

Europa, Afrika og Amerika: multietnisk proletariat med rødder i både et spraglet Atlantic under-commons, for de såkaldte en historisk redegørelse Bogen præsenterer et vigtigt referencepunkt. Marcus Redikers bog The Many-Headed Hydra (2000) I udformningen af projektet var Peter Linebaugh og mellem forskellige kulturer og kulturelle narrativer. er - minoritærere snarere end majoritære udvekslinger overveje, hvordan der historisk har været - og fortsat Det er en god pointe. Generelt er det interessant at

the experience of this proletariat have to offer us today? creative; it was - and is - alive; it is onamove. What does its consciousness. Finally, the proletariat was self-active, dock. It was planetary, in its origins, its motions, and talk from work, the street, the prison, the gang, and the - nigbiq bnp ,nograf, inns ,gnals to qu sham rammarg speech, with a distinctive pronunciation, lexicon, and without genealogical unity. It was vulgar. It spoke its own It included clowns, or cloons (i.e., country people). It was

svensk og norsk. Oversøiske indflydelser, med andre ord. den vestjyske dialekt, som blander engelsk, tysk, dansk, og Rediker beskriver – inklusiv som Linebaugh proletarisk og hybridiserende, præcis lige så kulturelle udsyn, der var sproglogik og og -fædres bastardgørende mine formødre fra et 1800-tals hedeperspektiv, eksperimenterer jeg med Kristensens informanter i 1873. Ved at forsøge at tænke tipoldemor Johanne Thygesdatter var en af Evald Tang kommer fra, hvor jeg er vokset op, og hvor min tip-tipudgangspunkt: den midtvestjyske hede, hvor min familie Dette afpejler på mange måder mit projekts andet

Hvis vi læser de viser, som Johanne sang for Tang

New Red Order, ikke? Var det i relation til Lemurien? folk. Du har også arbejdet med havfolk i kontekst af nationalstater og ikke tilhører noget specifikt land eller fordi havfolket bebor de flydende zoner mellem være interessant for os at tænke med i dag, netop fortællinger om havfolk. Dette kan måske også alliancer og udvekslinger gennem mytologiserede til de tilgrundliggende vilkår for tværkulturelle forholde sig etisk mange af viserne til at ndviklinger lader en reaktion på disse adgang til de jorder, der var deres livsgrundlag. Som udstykket, og den lokale befolkning dermed mistede da heden i løbet af det 19. århundrede gradvist blev have betydet, at det kun kan have føltes som et tab, var forankret i fælledbaserede samfund, hvilket må andre. Det giver mening, eftersom livet på heden mennesker kan have autoritet til at bestemme over såsom den private ejendomsret og det, at nogle homogeniseringsindsats men også mod koncepter myndighedernes udviklings-, nationaliserings- og de stammer fra, sporer man en tydelig modstand mod Kristensen, som troværdige vidnesbyrd fra den kultur

MAN VIL EN AEKDEN

WED WYBIE KOTBÆK INEBSEN

Marie Kølbæk Iversen

at forholde sig til, hvordan jeg overhovedet i første fanget som bifangst. Men projektet forsøger også i Grønland, hvor den haj, jeg har arbejdet med, blev dansker repræsenterer jeg kolonial tilstedeværelse med - og overveje alternative syn på fremtiden. Som vi kan reflektere over regionens historiske udvikling imaginær samtalepartner eller mos ,ʻənbivnəja Hav, hvilket gør den til en Nor datlantiskesvømmer den i hele det mellem 272 og 512 år gammel. Derudover hajen blandt andet kaldes på dansk - kan blive My marinbiologisk forskning viser, at havkalen – som er blevet benævnt som enten havkal eller havkælling. som på tværs af de nordisk-germanske sprog historisk blik hos en specifik haj; den store Atlanterhavs-haj, laver jeg en spekulativ appropriation af det historiske modernitets voldgreb. I mit videoværk Ronhistorier fremtidsperspektiver hinsides den kapitalistiske videnskab i et forsøg på at formulere alternative vidensformer i krydsfeltet mellem modernitet og - ligesom meget af dit arbejde - engagerer minoritære udstilling på O - Overgaden med dig, fordi mit projekt at dele nogle af de tanker, der har ledt op til min Charlottenborg tidligere i år. Jeg er nysgerrig efter udstilling One if by Land, Two if by Sea på Kunsthal on Acid, som I organiserede i forbindelse med Jeres indtil videre, ikke mindst i forbindelse med TEDtalks meget inspireret af vores forskellige udvekslinger i at have denne samtale med mig. Jeg har været Først og fremmest tusind tak, Adam, for at indvillige

Adam Khalil

omgang blev dansker.

i forhold til den her ide om at bygge verdener: Cornum om Indigenous Puturism, som føles ret relevant at det er 100 % på linje, men jeg har læst et essay af Lou virkelig fik min hjerne til at summe! Jeg er ikke sikker på, Havkalens tidsperspektiv er en ret juicy krog, som

inhabit the present. between tradition and progress, and asks us different idea of 'uture' - one that goes beyond the conflict the struggle for a different future as well as a distinctly perpetual revelation. Indigenous Futurism then, is about there is no pre-apocalypse or post-apocalypse, only อวนอเรเxอ snouอ8เpuJ exceeds these terms: . wiqotsyb bnn wiqotu The temporality of pəiniəniis əq oi spuəi represents an alternative to Western sci-fi which indi notitibari a fo trad si 'msirutuA suonsgibal'

Da di nu kam nææer te lan', – Lyyr deto, hwo x jâmfru te x bj
axr ble dââr(n)! – Lyyr A di kam sajlenn hær te æ lan'. - Æ dans dæn æ lirren. -Det war & kanng hans orlowsmen

Di høør æ frøkn Adeluds i æ bjææ'r, dæ sång.

", nol i ska do ska go mæ mæ te stålten Adeluds i lon." Æ skipper han taaler te lirren smodræng:

Han pe'ket o æ daa'r med hans skin':

"Vaagn ap, stalt' Adeluds, du laa'ker mæ in'!

I ska komm nier te ham ve a stran." Haar a bue't fra di fasteman',

Da søj mæ, hwa naw'n han monne mo bæær!" "Håår du bue'r fra mi fæsteman' kjææ'r,

A do ska føøl(le) mæ mæ fra lan." "Niels Me'kelsen hie'r di fæsteman,

En gullblo'met kjor'tel hon derøwwer slow'. En selk'(e)særk hon føst drow' o',

Brøst å Fen'ger dem sått' hon ful'. Hon drow Gul' al' gwer Gul',

A så gik di dær nier te æ stran'. Prøken Adeluds tuk æ smådreng' ve æ håå'n,

Hon læær ham rowner å skryw mæ æ håå'n. Hon læxt ham æ væjle å steel o æ wan',

A hon læxt ham åw å stæll'et igjæn. Hon læær ham æ ven' å wrii å vææn,

Hon læxt ham æ væ å rejs så stue'r,

Så all æ Skiw di sånk nie'r for æ fjue'r.

Stålt' Adeluds u(h)e i æ skiw da språng',

Æ skipper hin i æ arm da nam'.

"Ç'wyl gnnå im åårrol ås ub lliV "Ja, skam faa do, do skippertyw'!

For te du fâr en son, dæ ka ta æ ruer i hans håa'n. "No ska do æ't komm o di fåå'r hans lan',

No ska do x't komm o di muc'r hinne øø,

Før te du får en Dæ'ter, dæ ka skjæær å søj'."

Så svømme hun a hinne fåå'r hans lan'. Frøkn Adeluds u(h)e i æ haw' da språng',

Æ skipper han sejlld, å æ jåmfru hon svømme,

"Vår æ a ko'men o mi fåå'r hans lan': Dog kam hon te lan' en stun' føø'r end ham.

Mi son ka hwærken sejll hæller ta æ rue'r i hans håå'n.

Men håj'et x't wærn for di lirren smådræng', Mi dæťer hon ka hwærken skjæær heller søj". No æ a o mi muc'r hinne øø:

A sku ha drownet all æ kånng hans howmæn." - A dans dæn æ lirren. -

- Ly'er dero, hwo x jamfru te x bjxxr ble daarn! -

Tilbageoversat til Ørre-jysk fra rigsdansk af Michael Ejstrup. Folkevise indsamlet af Evald Tang Kristensen i 1872.

191101SIYAOX

EOKOKD

Kølbæk Iversen på O - Overgaden nu? international karriere allerede. Så hvorfor viser vi samtidskunstnere med en tydelig stemme og en aktiv Hun tilhører skaren af anerkendte og etablerede danske er Marie Kølbæk Iversen langt fra et ubeskrevet blad. institutionelle gennembrud endnu. Som billedkunstner ældre - med det tilfælles, at de ikke har haft deres at præsentere nye, kunstneriske stemmer – yngre som Over de seneste år har O - Overgaden fokuseret på

få indsigt i de forskningsbidrag, der udspringer af udviklingen af vores samfund, er det spændende at videnskaber. Fordi forskning er så fundamental for og som reflekterer nuancerede dialoger på tværs af er et produkt af en dybere kunstnerisk forskning, at præsentere vores publikum for samtidskunst, der og fagligheder. For O - Overgaden er det interessant sparring med forskere og fagfolk fra andre discipliner at gå i dybden med sin praksis – og at gøre dette i mulighed for kunstneren at få den nødvendige tid til vidensproducerende handling. Det er en helt særlig kunstneren, hvor der fokuseres på kunstpraksis som og begrebet dækker over en videreuddannelse af ny disciplin herhjemme, er en forholdsvis forskning, som det også kaldes, praksisbaseret i efteråret. Kunstnerisk eller afslutter senere Kunstakademi, og som hun olsO go hun har afholdt i regi af både Aarhus Universitet at tage en ph.d. i kunstnerisk forskning. Et projekt kunstnere i Danmark, der i øjeblikket er i færd med Det gør vi, fordi Marie Kølbæk Iversen er en af de få

det længstlevende kendte hvirveldyr i verden. blive mellem 272 og 512 år gammel, hvilket gør det til grønlandshajen. Ayere forskning har vist, at dyret kan på havkalen; en dybhavsfisk, der også er kendt som grænser og kulturer, når kunstneren rejser ind i øjet femårige forskningsprojekt. Rovhistorier krydser tid, kondensering af sit dyb og minimalistisk Kølbæk Iversen en præsenterer Marie Med udstillingen Rovhistorier

på, hvordan kunstværkets tilblivelse formes af

kunst, men omvendt også interessant at se nærmere

forskningens rammesætning.

konstitueret leder, O - Overgaden, august 2022 Aukje Lepoutre Ravn,

tankegods i sin smukke, mangefacetterede og

Line Brædder og Maria Kamilla Larsen. Den

for så nænsomt at mangfoldiggøre sit intellektuelle

Kølbæk Iversen for det fortrinlige samarbejde og

Toke Martins, Owen Armour, Malte Linnebjerg, udstillingen, skal også takkes varmt; Vera Østrup,

dybeste tak og de varmeste lykønskninger til Marie

øvrige team, der sammen med Marie har muliggjort temmelig udvidede publikation, og O - Overgadens

house redaktør Nanna Friis, der har redigeret denne

dygtige grafiske designere fra fanfare, for deres altid

at støtte udstillingen og vores

Fonden og HK-dir (Direktoratet

kampe i den nordlige

Kølbæk Iversen

års koloniale, imperiale

og moderne videnskab

utdanning og kompetanse,

flotte arbejde. En stor tak til O - Overgadens in-

tak. Jeg vil gerne takke Statens Kunstfond, Novo fra Augustinus Fonden, der skal have en hjertelig

udstillinger. Udgivelserne er muliggjort gennem støtte som et selvstændigt supplement til kunstnernes

som O – Overgaden, siden foråret 2021, har produceret

Værværende udgivelse er del af en publikationsrække,

atlanterhavsregion, hvor den danske indflydelse har

indlevelse i rovdyrets perspektiv bringer Rovhistorier

'historiske' blik. Med afsæt i denne kropsligt-imaginære

en visuelt smuk og filmisk tidsrejse gennem havkalens retsmedicinske scanninger. Værket tager os med på

grøn, der langsomt glider ned over skærmene som

toner frem i form af farvestrålende billeder i pink og

mikroskopiske optagelser af havkalens øjelinsekerne

ved flere tilfælde vil synge højt på den lokale dialekt

Kølbæk Iversens vestjyske hjemegn, som kunstneren speller den sig i gamle havfolkeviser og -sagn fra dyret er blevet kaldt havkal eller havkælling. Dermed

afspelles på tværs af de nordisk-germanske sprog, hvor Historier om havkalens færden og rolle i Atlanterhavet

værk; en tre-kanals lydløs videoinstallation, hvori Rophistorier udgøres af et enkeltstående, stort

for at give udstillingen et musikalsk lag.

tankevækkende udstilling.

for høgare

været og fortsat er central.

og miljørelaterede

reflekterer over 500

sammen, hvorved

kunst, folkeminde

Marie Kølbæk Iversen

O – OVERGADEN Overgaden neden vandet 17, 1414 København K, overgaden.org

