

WHOSE UPTER AND IN VOU

Jeanette Schäring grew up on the west coast of Sweden, surrounded by water, lakes, rivers, the deep forest and a biodiversity of species. She traveled extensively, but returned to Sweden to study health and human biology, turning to traditional art sculpture and painting. She has a BFA and MFA from the University of Gothenburg. During her studies, Schäring made field studies in remote indigenous villages in Asia sponsored by the Swedish Institute for Development Abroad.

She has studied and researched natural dye – colour from plants and its possible application - for over 20 years. She works with complex biological colour processes and water, and teaches the subject in a broad sustainable perspective. Schäring is the co-author of essays, and actively participates in global conferences in various transdisciplinary fields and collaborates with scientists and people in all disciplines. She has exhibited internationally, holds workshops, social and place related art projects and lectures all around the world. Her work is for all ages, about learning and sharing in the field of reconnecting with nature. She has received many awards, and grants from the Swedish Arts Grants Foundation.

Schäring works with artistic research with colour from plants, water, matter and light and its deep connections with us humans perception, life, wisdom, health and nature. She is interested in how we use our senses and sensuality to understand complexity, materiality and spirituality in our world, and uses an ethical and ecological, philosophical approach to nature and colour as an indicator of our sensitive ecosystem.

Transdisciplinary partners include Professor Jonas Bergquist analytical neurochemistry Uppsala Univ.(led to innovations), Professor Anders Hagfeldt physical chemistry, Ångstörms Laboratory, National Heritage Board and Department of Conversation, Navet Science Centre and Textile Museum Sweden.

This water is from the warraker stream which is mainly stormulter and undrinkable. The reserve land on either side has been designed to flood as a way to manage excess stormwater after havy rain events. Introduced Carp help keep the weed at bay and it is inhabited by ducks pukahas, grey heren sels swalkers and the occasional.

WHOSE WATER ARE YOU?

MY WATER.

The Practical; water tank.

When in bed, I love the comforting and cosy feeling hearing the rain falling on the roof. As well as the somniferous effect, the knowledge that the water tank is filling gives additional satisfaction. This satisfaction is extended at a later date whilst watering the vegetable garden fulfilling the desire to be a steward of this precious resource. The pleasure is further extended with the ability to use this saved water to grow foodstuffs that can be picked and consumed, frozen for later use, or shared with friends and neighbours..

Marlene Ware

The Pleasurable; the birdbath.

Chaffinches and goldfinches slake their thirst whilst sparrows take a quick dip. Wee tauhou, (waxeyes), join in the fun. The lone and maybe lonely tui takes time over its ablutions – dipping in and out of the water, fluffing its wings and then preening in the kowhai branch above. These passerines are unaware of the pleasure they give to the observers.

Marlene Ware.

In 2009, she initiated and invited NZ artists to Sweden for an exhibition, funded by Creative New Zealand.

She has taught at Massey University, Wellington and the University of Gothenburg in Sweden. Recently, the artist completed a number of artist in residence/internships including Srishti Art, Design and Technology, Bangalore, and at Visva Bharati – Santiniketan Kolkata. After this, she spent three months in Madagascar in her self-created Residency and participated in the conference Plants, Ecology and Colour in Antananarivo. In between she travelled to Kenya, Kisumu for a social design and research project "Beyond the Basket" invited by Mistra Urban Future.

Schäring has researched craft, art and science with the theme of water at Navet Science Center in Borås and has collaborated with professors in natural science at Uppsala University for many years.

Whose Water Are You? has been previously shown in Sweden and Finland, with the most recent installation being commissioned by the Swedish Ministry for the Environment

In 2017, Schäring published her book "Matter in Motion and the Mysticism of Nature's Colour" which includes her own writings as well as essays from seven different authors from seven different disciplines, from four different continents. With the book, she aims to open up new thinking around a contemporary art practice around colour and nature, art and science and eco-philosophy. The book is available for purchase at Tauranga Art Gallery.

The artist lives with her family in Mount Maunganui. She will return to Sweden this winter for two large solo exhibitions that also include communities and social involvements.

www.jeanettescharing.net

- 1 Claudette & Philip Tap water Aongatete
- 2 Claudette & Philip Tap water Aongatete
- 3 Harrison Read Swimming pool
- 4 Harrison Read Tap Water - Pyes Pa
- 5 Harrison ReadMemorial Park Estuary
- 6 Jeanette SchäringWaitao Stream Welcome Bay
- 7 Pacha Juana Lema Amaguania Spring Water Kaimai Ranges
- 8 Mataora Rongoā Hōtoke Kaiate Falls Welcome Bay
- 9 Liz Wilson Fountain Memorial Park
- 10 Martine Pierhagen Tap Water Welcome Bay
- 11 Linda Inglis
 Water from Ohauiti bore
- 12 Gary Ware Entrance to Tauranga Harbour
- 13 Marlene Ware Bird Bath Otumoetai
- 14 Marlene Ware Water Tank Otumoetai

- **15** Ross McCurran Spa Pool Papamoa
- 16 Alan Bone Waikareao Estuary
- 17 Jo Bond and Graham Crow Rain Water Tank Maungatapu
- **18** Jennifer and Peter Glausiuss Solar Heating Water Overflow
- 19 Tina Harris-Ririnui
 Tap Water Maungatapu
 (with cidar vinegar and lemon)
- 20 Christine Dawson Stone Pond Otumoetai
- 21 Jillian Peck
 Morning Shower
- 22 Marcus and Molly Tye Park Beach
- 23 Lindsay Bowles Omanu Beach
- 25 Michele Sainsbury Mount Maunganui Main Beach
- 26 Ella Mae McGowan Spring Water Waitao
- 27 Peter Anderson Harrisons Cut Stormwater Discharge
- **28** Peter Anderson Omanawa Stream

Three days after Christmas 1950, when I was just 13 years old, a disaster struck the small town of Tauranga. The Ranui, a kauri passenger launch of 45ft., capsized and was wrecked in tempestuous seas at the entrance to the Tauranga Harbour. The ship was returning to Tauranga from Tuhua (Mayor Island) with 20 holiday makers and 3 crew.

The sole survivor was 19-year-old Phillip H.G. Smith (Bluey). The tragedy affected the whole town as we all had a friend or relative who perished, or knew someone who did.

Gary Ware

(Water sample from the entrance to the Tauranga Harbour)



The Ranui



Wreckage of the Ranui

Omanu School Junior School Swimming Pool Water.

I feel that this school swimming pool water is important because.....

This is the start of a journey that all kids have to take someday in life. It's a big step to go from kindergarten to primary school and an even bigger step to pluck up the courage to step into the water and learn to swim. Imagine getting used to working in the classroom and the next minute you are asked to learn to swim. A baby bird leaving the nest only to find an endless sea of new experiences. Learning to swim is hard but once you know how to it gets a lot easier. I think that learning to swim is just as unpredictable as life itself, it is a book waiting to be opened. It is like a seal waiting to surface because the thing is once you know how to swim you will always know how to.

I think that this water is important because the kids who swam in it had to face their fears. They became more independent because they had to get changed in the changing rooms on their own and they made friends that might later on become their best friends. At Omanu school the pool is the first step in learning to swim. Sadly I never got to experience the excitement of swimming for the first time in this pool but I do know what it does feel like to swim for the very first time and believe me it is an amazing feeling.

Water itself is very, very important because on Earth there is only 1% of water that is actually drinkable for humans and animals alike. It is precious, life giving and wonderful.

By Susie Harte From Room 2 At Omanu School.

- 29 Lucy Aitken Read Stream Water Waitawheta Karangahake
- 30 Lucy Aitken Read Tauranga Public Toilets
- 31 Jo Wills
 Rain Water collected in garden
 Mount Maunganui
- 32 Paige Fraser

 Tauranga Harbour from the
 Jetty
- 33 Bike Barn
 Bottled Water left behind
 by customer (origin: Kaimai
 Ranges)
- 34 Bruce Clark
 Tap Water Bike Barn Mount
 Maunganui
- 35 Martha Redman Harbourside Central Backpackers Tap Water
- **36** Rebecca Graham Cooled Tap Water from the Fridge
- 37 Jesus Jovan Medrano Water with Black Tea from China 25 Years Old
- 38 Jo Turner Seawater at Kulim Park

- 39 Shona Keachie Back Garden Rain Fall Welcome Bay
- **40** Mary Rose Johnson Reserve
- 41 Stef Hendra
 Bethlehem College Primary
 Drinking Fountain
- **42** Stef Hendra
 Bethlehem College Primary
 Swimming Pool
- 43 Stef Hendra
 Bethlehem College Primary
 Water from Downpipe
- **44** Stef Hendra
 Bethlehem College Primary
 Puddle Water
- 45 Stef Hendra
 Bethlehem College Primary
 Water Play Table
- 46 Stef Hendra
 Bethlehem College Primary
 Conservation Area Pond
- **47** Jem Thompson Tap Water Hamilton
- 48 Jude Priest

 Tauranga Harbour 5th Avenue
 Reserve
- **49** Lynn Williams
 Garden Bird Bath Te Puna

50 Norma Hudson Lily Pond Cliff Road Tauranga

51 Norma Hudson Rain Water Water feature Cliff Road Tauranga

52 Julie Carnell
Dog Bowl and Hot Water

53 Hannah Wilson Storm Water Drain Tauranga South

54 Claudette Martin Waste Water Purple Hair Shampoo Aognatete

55 Beau Stuart Bath Water Judea

56 Fiona McWilliam Filtered Drinking Water Omokoroa

57 Jo Torr Waimapu Estuary

58 Lena Kovac Waiotaha Stream Welcome Bay

59 Carol Lobb Wairakei Stream Papamoa

60 Linda Inglis Trough Water Paddock Ohauiti

61 Linda Inglis Waste Water from Tomato Relish making **62** Quintessa Davies Sea Water Papamoa Beach Road

63 Barbara Hill
Garden Fountain Bethlehem

64 Barbara Hill Tauranga Harbour

65 Mikaela Jones TCC Cameron Road Office Tap Water

66 Liz Bryce Avon River Source Christchurch

67 Liz Bryce Avon River Central Christchurch

68 Liz Bryce Christchurch Tap Water before Chlorination

69 Candice Benfell
Drinking Water Brook eld

70 Candice Benfell Reiki treated Water

71 Sandra Carrod Tap Water from Bore Welcome Bay

72 Sandra Carrod Rain Water Welcome Bay Memory: Summer 1977

Burst out of the pool

Standing

Feet soak hot concrete

Steaming

Drip bloom dark edges

Fading

Gone

Papamoa Storm Water Drain

We have a stormwater drain running through Papamoa. The drain helps to stop flooding but also cleans the storm water before it drains to the sea. Where we collected this sample were hundreds of tadpoles – which is a good indicator of the health of the waterway.

- 73 Katarina Caroll Bathtub Tap Gates Pa
- 74 Marama Mateparae Kaiate Falls Welcome Bay
- 75 Marama Mateparae Storm Water Drain Papamoa
- **76** Cindy McQuade Awahou Stream Rotorua
- 77 Omanu Primary School School Swimming Pool
- 78 Omanu Primary School Bathroom Tap Water
- **79** Hella Bauer Matua Estuary
- **80** James Theodore Coxon Storm Drain Omanu Beach
- 81 Amy Board Rain Water from Yurt Papamoa Hills
- **82** Gulielma Dowrick Tap Water Tauranga
- **83** Rana Collett Shower Wastewater
- 84 Hannah Wilson Wastewater from Painting Tauranga Art Gallery
- **85** Bridget Cummins
 Water used to remove makeup

- **86** Bridget Cummins Kitchen Tap Water Tauranga
- 87 Fiona Wilcock
 Tap Water Rotorua
- 88 Melissa McDonald Ohakune
- 89 Meagan Davis
 Tauranga Estuary
- 90 Pillans Point School Classes Tui 2 and Tui 4 Waikareao Estuary
- 91 Anahhira Ace Tokaanu Stream
- **92** Anahhira Ace Tongariro River
- 93 Liz Wilson Pool water
- 94 Anne Bengtsson Water from Mount stream
- 95 Toni Maree Bore Water Arataki
- 96 Laura Wragg
 Tap water Welcome Bay
- 97 Laura Wragg Fountain
- 98 Laura Wragg Stream

- 99 Kate Stedds
 Off my roof (out of a rain barrel) Greerton
- 100 Burdenia McDonnell Waiorotti Stream
- 101 Kate Flanagan Mount Maunganui Intermediate School Pool
- 120 Elwin Clark Schäring
 Experiment with Tap Water
 Arataki
- 121 Elwin Clark Schäring Experiment with Tap Water Arataki
- 122 Elwin Clark Schäring
 Experiment with Tap Water
 Arataki
- 123 Elwin Clark Schäring Experiment with Tap Water Arataki
- 124 Elwin Clark Schäring Experiment with Tap Water Arataki
- 129 Jeanette Schäring
 Wastewater from Natural Dye
- 133 Jeanette Schäring Rainwater Puddle Welcome Bay
- 134 Jeanette Schäring
 Waitao Stream Welcome Bay

- 200 Jeanette Schäring Omanu Beach
- 201 Jeanette Schäring
 Tap water
- 202 Jeanette Schäring Filtered tap water
- 205 Jeanette Schäring
 New icebreaker jersey soaked
 overnight
- 206 Jeanette Schäring
 Waste water from natural
 Indigo dye bath
- 207 Bruce Clark Pilot Bay
- 208 Jeanette Schäring Waste water from natural dye
- 209 Jeanette Schäring Mount Hot Pools
- 210 Jeanette Schäring
 Waste water from swimming
 suit soaked overnight
- 211 Jeanette Schäring
 Rinsing of natural Indigo
 fermentation vat after dying
- 212 Jeanette Schäring
 Water infused with lavender

Rainwater that I collect off my roof. I have lived in this house for 24 years and water my vegie garden with it, and give my hair its final rinse with it. There's nothing like rainwater to make your hair feel lovely and soft.

K. Steeds 128 oropi Raad Greenton.

What water means to me....

Water is my happy place. Since I was young I love being in the water, swimming, diving and jumping in the waves. I love living in New Zealand as we are close to the ocean pretty much anywhere we are. The ocean gives me a sense of peace and tranquillity that nothing else can. Once I swam in the calm waters of Mairangi Bay when I saw a diamond shape from above just to realise I was just swimming on top of a stingray who rested in the shallow sand. That was one of the most beautiful memories I have swimming in open waters. Oceans can be dangerous if you underestimate their power, but it never felt so to me. I guess I always approach the sea with a fair bit of respect and never take conditions for granted. If you look out for yourself and are cautious I believe the ocean cannot harm you. I wish the world's ocean wouldn't be so polluted – it's horrible to think this is what I'm leaving behind for my children. Let's all do our bit to clean up Mother Earth so it can be enjoyed by generations to come!

LK

"I am interested in a softer society, this art work is a communication through water and colour from nature to visualise our environment and nature; its fragility, the beauty, changeability and spirituality through a social-ecological and socially engaging art exhibition"

~ Jeanette Schäring

#74 #40

Kaiate Falls

This water is taken from the Kaiate Falls, a stunning waterfall and stream in the hills between Welcome Bay and Papamoa – about 30 mins drive from central Tauranga. The falls are a series of cascades with a natural swimming hole at the bottom. Many walkers and tourist enjoy this beautiful spot and in summer it is a popular swimming place, especially with older teeanagers who enjoy the thrill of jumping and diving from the high rocks around the swimming hole.

Our home is about 4km from our home at the top of Reid Road, and is the closest swimming place for our family. We regularly swam here until about four years ago – though we avoid swimming in any streams or livers after heavy rainfall due to possible contamination due to run off.

In late early 2015, after spending an afternoon swimming at Kaiate Falls, Sam, who was six years old developed severe diarrhea and vomiting. Shortly after he recoved a permanent health warning was issued by the Medical Officer for Health for the falls and stream. The Bay of Plenty Regional Council monitoring had shown high levels of bacterial contaminiation.

A creek runs from hills Hoza played under willow before we pich I don't know o

#48 #94

TAURANGA HARBOUR WATER

At the harbour's edge where the Pohutukawa tree dips its branches in the water and an old drain spills a constant stream onto the sand, I come to collect the water. Memories wash over me. As a child, running from the corrugated iron changing shed to the water's edge, shrieking and shrinking back at the shock of cold water on sun-warmed skin. Nana keeping a watchful gaze while we played and swam, walking further and further out in search of deeper water before being called back to safety. My own children swam here too; their first baby steps wobbly forays into the shallow water followed by a sudden sit-down and tears of fright, quickly replaced by laughing, squealing and splashing. Later they would spend hours digging intricate sandy networks of canals and pools to channel the water from the drain to the sea. Generations of my family have swum and played in this water. We have rowed boats and paddled kayaks, water-skied, wind-surfed, sailed and fished. We have cast fishing lines and netted silvery sprats - scooping them up in a bucket to take home for the cat. I was married here, on a summer's day at high tide - under the Pohutukawa tree, beside the sparkling water, at the harbour's edge. When the ceremony was over the kids went swimming; when the tide receded, they played touch rugby on the damp sand. Water is life and this water is interwoven with my life. This is my water.

When I collected my water, I found a large red and yellow warning sign had been erected nearby. 'Temporary Contamination – No Swimming, No Fishing, No Shellfish Gathering. Do Not Touch the Water.' I felt sad and worried for the future of my water.

Jude Priest, 2018

Dower) to Create and Transform. His the Single most abundant element on Earth

Water

And what it means to me

I like swimming in water. I like having water fights with my brother.

Toby (age 7)

I jumped, let go and splashed into the water, then swam back for another turn on the Tarzan swing. After that, I went to the peddle boats and had lots of fun. My friend peddled off and left me to swim after him. Then we went paddle boarding and raced each other. I love water.

Harrison (11)

I like swimming in the water and the ocean, and having water fights.

Grace (4)

This summer we bought our children a backyard swimming pool. Money well spent. I realised my children don't need toys. They are content with water. If only I had clicked sooner, because my fondest childhood memories are of water too. We didn't have much growing up but our swimming pool was a blessing. Hours and hours of summer day fun and freedom. Water is our memories of childhood.

Kathryn

This water is from the Awahou Stream on the Northern Shore of Lake Rotorua It was taken after heavy rain-herce the slightly broun ealour.

Usually it is crystal clear, green and iay add.

The tangata wanua of this Awa is want Rangiwewehi who believe Awahou is a place of healing.

Awahou is protected by the Taniwha lekehawa.

The sample was taken by Eli simpkins-simmonds who is a member of the What Rangiwewehi iwi. The sample was taken by Eli simpkins-simmonds who is a member of the What Rangiwewehi iwi.

WWD2018 Christchurch Water: Avon river-head to city.

Purpose:

This project will contribute to Jeanette Schäring's work in the Tauranga Art Gallery. Whose water are you?

Idea:

- 1. To acknowledge the pureness of Christchurch's drinking water under threat from climate change and human contamination or overuse.
- 2. To celebrate the route of the Avon 'river' from its source in the suburbs of Avonhead past well known Christchurch places to the inner city.
- 3. To collect samples of water for Jeanette Schärings exhibition.

Sample One: Christchurch Tap Water

The sample is collected from my home kitchen tap (in the suburbs of Avonhead). It's significance lies in the fact that our tap water is to be temporarily(?) chlorinated on March 26. This is because of a worry of contamination.

About 18months ago there was concern that our water sources which are from aquifers beneath the huge river plain that is Canterbury, were being contaminated. Possible causes were that the drain on them from domestic, industrial and agricultural use had lowered the aquifer thus causing the access point to become spoilt. Many wells were drilled deeper but there is caution around temporary contamination of the access point.

One of the high points of living in Christchurch is the pure (delicious!) tap water. The proliferation of underground waterways throughout the city make for lush gardens and many well kept parks and recreation areas.

Sample Two: Water from the spring source of the Avon River.

Avonhead School is close to the source of the Avon - and backs onto Ferrier Park - one of the many small parks which is well used by the school and community. Just through the park is the end of a street where you can hear and see the Avon source, a spring which is fed by other small streams from further up Avonhead. The private property which hosts the Avon source has a stunning well kept garden setting making good use of the spring and keeping the location attractive.

The sample was obtained by kind permission of the property owner under close canine vigilance!

The owner mentioned that last summer the spring dried up for a while - she reported it to the council as she was concerned about the eels which live in the spring pond. They said they did not know what could be happening but the spring resumined flowing a few days later.

"Water, water, everywhere, nor any drop to drink". The Rime of the Ancient Mariner, Samuel Taylor Coleridge (1772 - 1834)

Salt Water - The Sea.

It has dominated my entire life and ordered my working life for over 50 years. My parents were in the Navy and extended family have been sailors for several centuries. I grew up by the sea, I learnt to swim in the sea and I have spent my entire working life as a professional seafarer both shore based & sailing the sea.

The sea has provided the mundane – a livelihood and the sublime – nature in all her moods. The sea is never still, a ship is always moving as the water heaves and surges.

Calm - the sea reflects the sun, moon and stars, the beauty of a tropical sunset.

Stormy - the flying spume stings, flying like bullets, while the deck is buried under the next giant wave. The ship rises, casting off the water on deck, readying itself for the next deluge.

A ship on the ocean is a metaphor for life. Change is a constant, there is a never ending flow, the water resists movement, energy is needed to forge ahead and yet, ultimately, a destination will be reached, a safe haven, where all is still.

The influence of water on my life has been immense and I am truly grateful for the years I have spent on and around ships and the sea. $\dot{}$

I'm talking about the beautiful Te wai \bar{U} o te Whaea or the Tokaanu Stream, a freezing and beautiful stream where I grew up, my Mum grew up, my Nanny and so on. Te Whaea, the mother is Pihanga maunga and te wai \bar{u} is the nourishing breast milk from Pihanga which flows down to her pepe Maunganamu and Tongariro is the Papa. So we all grew up at Te Whare o Koura right beside and between the Tokaanu Stream and Maunganamu.

My earliest memories of Tokaanu stream was when I use to love playing in the swamp beside the stream and there were also blackberries everywhere. Te Whare o Koura is the name of our house beside Tokaanu Stream because Koura use to live in the banks but I never got to see the koura, because something destroyed their habitat.

You might know the Tokannu Stream and the Tokaanu Power Station and the famous Tongariro River famous for trout fishing. We love our electricity and we love our trout fishing however we also loved our koura and koaro (climbing fish similar to whitebait). When I was about 11 I remember riding on my bike to school to Turangi 5/6 km away and on my way home again the road had disappeared. I'm telling you this because the change in the road affected the Tokaanu Stream because the Tokaanu Power Station was been built (1966-1973). In order to build the power station the Tokaanu stream was rediverted under a bridge over the Tokaanu tailrace/canal. Apparently, it is quite a unique engineering feat.

The beautiful swamp was drained during the development of the power station so the frogs are gone. And the koura and koaro no longer live there anymore, why? Maybe it is the silting up of the river after the rediversion or maybe it is trout who feed on koura and whitebait as Tokaanu Stream was made a spawning stream and fishing is prohibited in the stream.

In my mother's wisdom Te Whare o Koura has been given a special reservation Papakainga status so the generations that follow can never be pushed out by others.

Ki te taha o toku Papa

Ko Mauao te maunga

Ko Tauranga te moana

Ko Mataatua te waka

Ko Ngai Te Rangi me Ngati Ranginui nga iwi

Ko Tauwhao me Te Ngare te hapu

Ko Rangiwaea te marae

Ki te taha o toku Mama

Ko Tongariro te maunga

Ko Taupo te moana

Ko Te Arawa te waka

Ko Ngati Tuwharetoa te iwi

Ko Ngati Hikairo, ko Ngati Turangitukua nga hapu

Ko Otukou te marae

Ko Anahhira Ace aka Veronica Gardiner oku ingoa

No reira tena koutou, tena koutou, tena koutou katoa.

