

ANE GRAFF

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14. The sculptural installation *The Goblets (Chronic Fatigue, Brain Fog, Depression, Memory Loss & Generalised Anxiety Disorder)*, 2021
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ANE GRAFF

01. The textile works *Electron Sea* and *Density Absorbing Photons*, 2016.

Electron Sea

Dyed textiles, copper, wooden frame
100 x 200 x 6 cm

Unique work

Exhibition view at 1857, Oslo NO





ANE GRAFF

01. The textile works *Electron Sea* and *Density Absorbing Photons*, 2016.

Density Absorbing Photons

Dyed textiles, copper, wooden frame
100 x 200 x 6 cm

Unique work

Exhibition view at 1857, Oslo NO





ANE GRAFF

02. The sculptural installation *Mineral Breath, Metal Mouth*, 2016.

Installation with mixed media
400 x 110 x 37 cm

Shelved sculptures left to right:

Mineral Breath, Metal Mouth (1), 2015

Plant, mineral- and rust dyed textile, pigment and wax treated Rose quartz, beeswax and resin mixed with powdered clay pigments on Pine wood, base of steel and copper.

20 x 50 x 80 cm

Mineral Breath, Metal Mouth (2), 2016

Copper and silver alloy, powdered burnt and raw clay in Petri dish, plant, mineral- and rust dyed and wood block printed textile, copper plate, base of steel and copper.

35 x 80 x 50 cm

Mineral Breath, Metal Mouth (3), 2016

Plant, mineral- and copper patina dyed glove, copper and alum salt growths on coral, patinated copper plate with clay pigments, base of steel.

20 x 80 x 50 cm

Mineral Breath, Metal Mouth (4), 2016

Plant, mineral- and copper patina dyed textiles, iron oxide wash on ceramic imprints of textiles, leather soaked with clay pigments, MDF, steel base

25 x 80 x 50 cm

Mineral Breath, Metal Mouth (5), 2016

Melted copper poured on slate rock containing iron, plant, mineral- and rust dyed and wood block printed textile, MDF, steel base

35 x 80 x 50 cm

Installation view the 11th Gwangju Biennale: "The Eight Climate (What Does Art Do?)", Gwangju, KR

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02.A















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03. The sculptural installation *Mattering Waves*, 2017.



Installation
Mixed media
Variable dimensions
Unique work

Exhibition view at Entreé NY, Elizabeth Dee Gallery, NY, USA





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03. *Mattering Waves (1)*



Copper and alum salt growths on fired white granite pebbles in clay, mixed plant-, copper- and synthetic pigments, Plexiglas and MDF base

21 x 48.5 x 62.5 cm



ANE GRAFF

03. *Mattering Waves (2)*



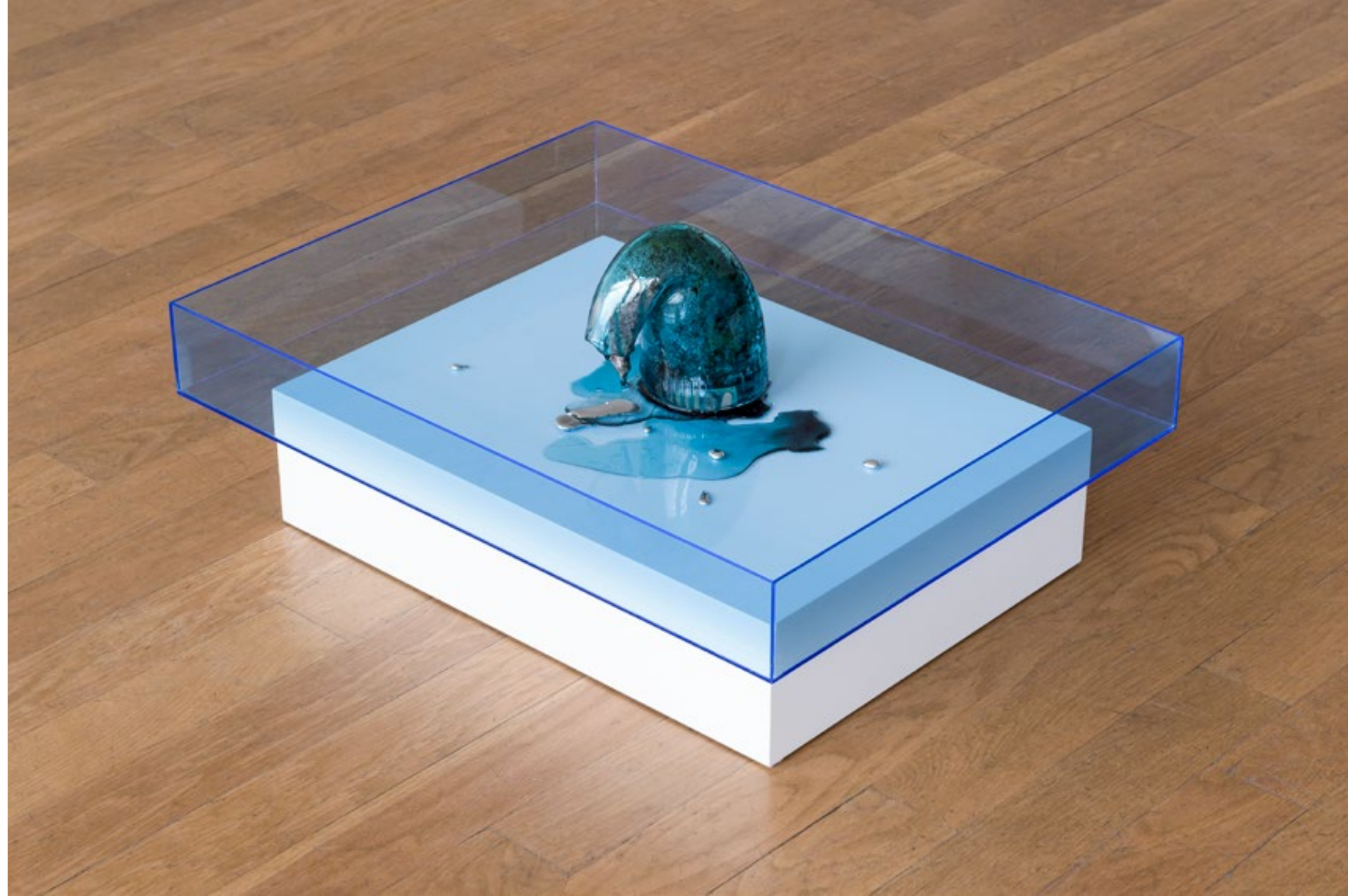
Rose quartz with clay earth and fluorescent pigments, avocado and iron rust dyed t-shirt neckband with pieces of fossilized wood, Plexiglas and MDF base

23 x 48.5 x 62.5 cm



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03. *Mattering Waves (3)*



Epoxy and pigment covered hand-blown glass vessel filled with a mixture of polymer, dust, soil and human DNA, gallium, epoxy with mixed plant-, copper- and synthetic pigments, Plexiglas and MDF base

31 x 48.5 x 62.5 cm



ANE GRAFF

03. *Mattering Waves (4)*



Walnut and iron rust dyed silk gloves, bismuth, hand blown glass vessels filled with polymer, dust, soil, lepidolite mineral and human DNA, epoxy with mixed plant-, copper- and synthetic pigments, Plexiglas and MDF base

44 x 53 x 66 cm



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03. *Mattering Waves (5)*



Melted glass bottles with salt and copper powder growths, epoxy with fired dolomite mineral and mixed plant, copper and synthetic pigments, Plexiglas and MDF base

22 x 48.5 x 62.5 cm



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03. *Mattering Waves (6)*



Ceramic element made of fired clay with copper powder, powdered quartz and glass, juniper berries, blackberries and iron oxide, bismuth, felt, Plexiglas and MDF base

22 x 48.5 x 62.5 cm



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03. *Mattering Waves (7)*



Hand blown glass vessel filled with polymer, dust, soil, human DNA and copper powders, walnut dyed textile, Plexiglas and MDF base

22 x 53 x 62.5 cm



ANE GRAFF

04. The sculpture *What Oscillates*, 2017

Steel and aluminum structure with woven copper/steel/textile bands

3.5 x 2.5 x 1.3 m

Unique work

Glass shelves with sculptural elements consisting of (left to right):

Shelf 1:

Copper, iron and potassium alum sulfate growths on deep sea coral, fiber optics tubes in epoxy with patinated copper and plant pigments.

Shelf 2:

Polymer, epoxy, glass, crushed quartz and pigment with patinated copper and plants.

Shelf 3:

Copper, iron and potassium alum sulfate crystals on linen, copper wire and iron, epoxy with patinated copper and plant pigments.

Shelf 4:

Molten aluminum on glass, epoxy with patinated copper and plant pigments.

Molten aluminum, fulgurites, indium, sand, plaster, aluminum powder.

Shelf 5:

Molten bismuth, gallium and aluminum on glass.

Patinated native copper with molten copper and silver, epoxy with patinated copper and plant pigments.

Installation view at Henie Onstad Art Center, Høvikodden NO











04.E(1)





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05. The performance *The Bodily Life*, 2017.



Performance

Skulpturbiennale 2017, Vigelandmuseet

Duration 20 minutes

Link to two-minute excerpt of documentation here
password: graff22



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06. The sculptures *Red Tide* and *Bedrock Imagery*, 2017.

Red Tide

Chair with urea crystals, three glasses with red salt solution containing agar and carrageenan from red algae

110 x 85 x 85 cm

Unique work

Installation view at 1857, Oslo NO











ANE GRAFF

06. The sculptures *Red Tide* and *Bedrock Imagery*, 2017.

Bedrock Imagery

Chair, clay, soil, diatomaceous earth, chia seeds, cocoa butter, algae sea salad mix, radish sprouts, chlorella powder, activated charcoal, Himalayan salt, raspberry extract, espresso powder, vitamin b12 capsules, marshmallow fondant, black marzipan, yeast, bread, grill briquettes, copper powder, iron powder, steel wool, sisal, plastic, cotton pads, and edible luster spray in baby blue, pearl, pink and green

105 x 65 x 65 cm

Unique work

Installation view at 1857, Oslo NO







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07. The performance (a collective reading) *The Fall*, 2017.



Collective reading

Black Box Theatre, Oslo





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08. The sculpture *Untitled (Dysbiosis)*, 2018.



Variable dimensions

Plexiglas desk

UV lighting

Winogradsky columns containing copper, aluminum, antibiotics, fluoride, chromium and salt

Smaller sculptures made from clay, soil, gravel, aluminum potassium sulfate, irrigated copper, toothpaste and antibiotic gel

Installation view at Trondheim Kunstmuseum, NO









Antibiotic

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09. The sculptural installation *The Goblets (Alzheimer's Disease, Parkinson's Disease, Lupus, Multiple Sclerosis, Ulcerative Colitis & Rheumatoid Arthritis)*, 2019.



Installation view

Variable dimensions

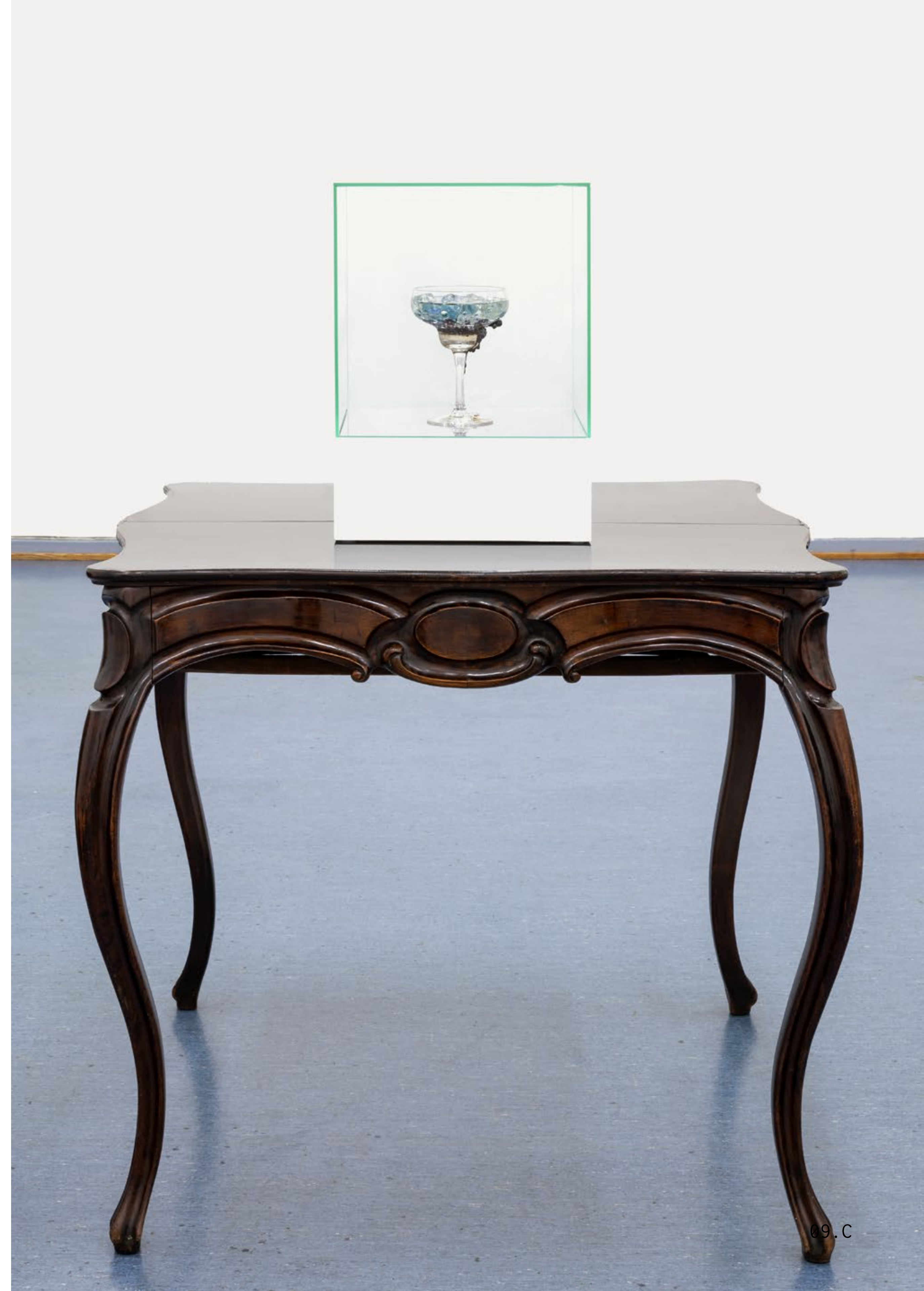
Exhibition 'The Goblets' at Ila Pensionat, curated by 1857



09. *The Goblets (Alzheimer's Disease)*

Glass goblet containing: mercury, silver, tin, zinc, copper (from dental amalgam); Arsenic, cadmium, lead, silica dust and polycyclic aromatic hydrocarbons (from Marlboro cigarettes); Clonazepam (from Klonopin Oral Tablets anti-anxiety medication); polycyclic organic hydrocarbons, organophosphate flame-retardants, phthalates, benzothiazoles, musk compounds, plasticisers, magnetite and silica dust (from road and tunnel dust); aluminium zirconium tetrachlorohydrate Gly, cyclopentasiloxane, ppg-14 butyl ether, phthalates (from Dove Sensitive antiperspirant stick); maltitol, sorbitol, xylitol, steviol glycosides, ammonium salt, gum arabic, glycyrrhizin, E153, gum arabic (from sugar free salt liquorish pastilles); diacetyl, perfluorooctanoic acid, tertiary-butyl hydroquinone, trans fats (from microwave popcorn); saccharomyces cerevisiae yeast, mold, gluten, hardened rapeseed oil (from molded white bread); potassium aluminum sulfate (from deodorant); glucose fructose, syrup, glycerol, E133, corn syrup, starch, E420, salt, sugar (from blue icing color); calcium silicate, sodium (from table salt); inorganic copper powders, aluminum salts, and crushed glass in epoxy laminating resin mix.

42 × 30 × 30 cm







09. *The Goblets (Parkinson's Disease)*

Glass goblet containing: mercury, zinc, copper, antimony (from dental amalgam); polycyclic organic hydrocarbons, organophosphate flame-retardants, phthalates, benzothiazoles, musk compounds, plasticisers and silica dust (from road and tunnel dust); butyrophilin, casein, organochloride pesticides, antibiotic residue (from pasteurized cow's milk powder); iron, copper and lead (from metal dust from welding and iron-steel production); methanol (from aerosol spray paint); fluoxetine hydrochloride (from Sarafem Oral (SSRI)); verapamil hydrochloride (from Isoptin SR (verapamil HCl) (CCB)); titanium dioxide nanoparticles, aliphatic isoparaffinic hydrocarbon, aliphatic hydrocarbon, ammonia (from Tipp-Ex Rapid typewriter correction fluid); Rotenone (from 5% Rotenone EC pesticide powder); aluminium (from aluminium foil); bismuth oxychloride (from Urban Decay Moondust eyeshadow); and crushed glass in epoxy laminating resin mix.

42 x 30 x 30 cm







09. *The Goblets (Lupus)*

Glass goblet containing: mercury, silver, tin, zinc, copper (from dental amalgam); arsenic, cadmium, lead, silica dust and polycyclic aromatic hydrocarbons (from Marlboro cigarettes/ and or locally produced brands); polycyclic organic hydrocarbons, organophosphate flame-retardants, phthalates, benzothiazoles, musk compounds, plasticisers and silica dust (from road and tunnel dust); levonorgestrel and ethinyl estradiol estrogen (from oral contraceptives such as Loette/Alesse tablets) and conjugated estrogens (from Premarin postmenopausal hormone replacement therapy tablets); sun-sensitising sulfanomides (trimethoprim-sulfamethoxazole) (from Sulfa drugs and Bactrim and Septra antibiotics); dieldrin, beta-endosulfan, and beta-hexachlorocyclohexane (from Aunt Fannie's Perimeter Pest Powder); hydralazine hydrochloride (from Hydralazine (apresoline) medication for high blood pressure); antimicrobial agents, bleach and hydrocarbons (from Ariel Antibacterial laundry detergent); and crushed glass in epoxy laminating resin mix.

42 x 30 x 30 cm





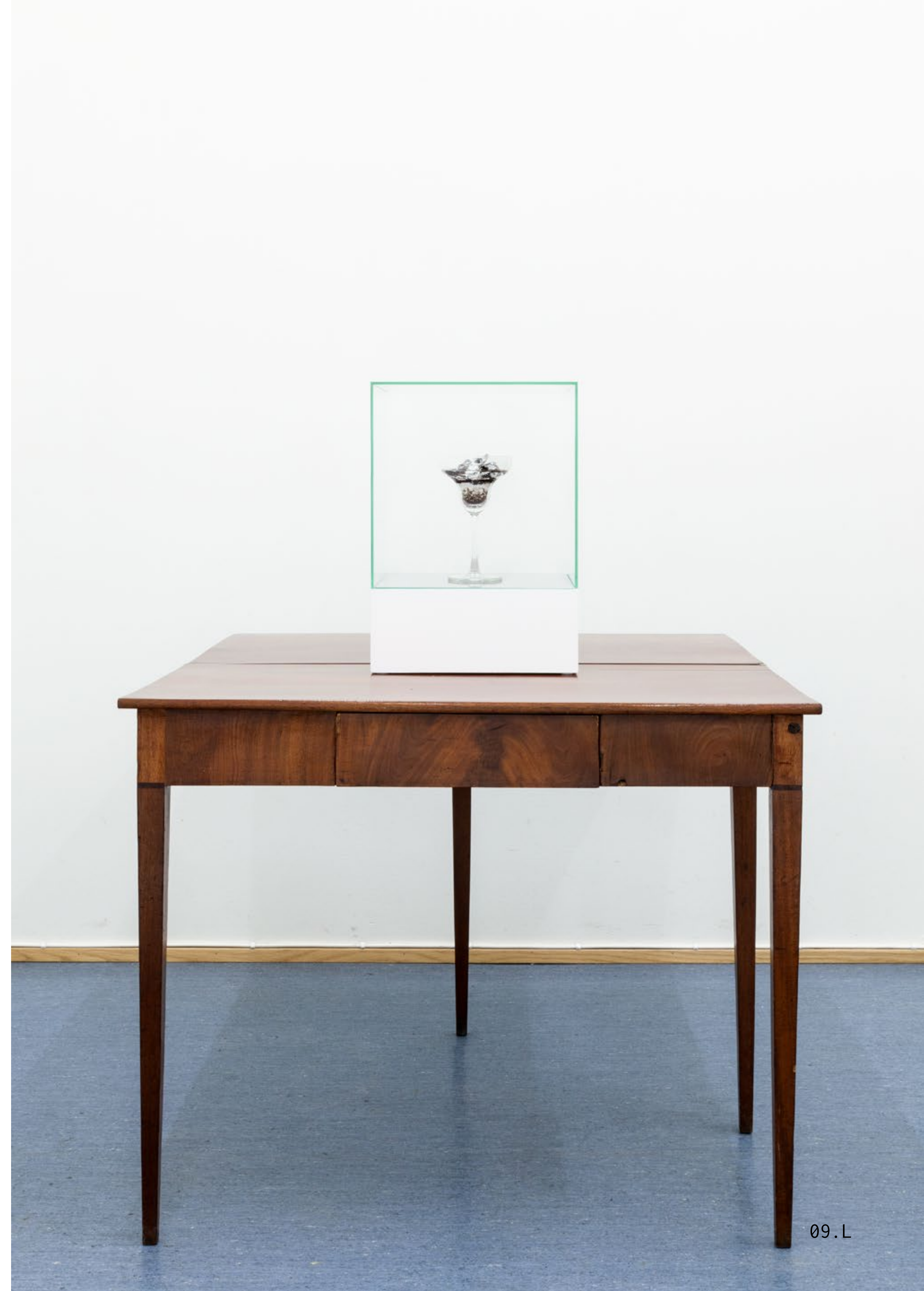


ANE GRAFF

09. *The Goblets (Multiple Sclerosis)*

Glass goblet containing: mercury, silver, tin, zinc, copper (from dental amalgam); arsenic, cadmium, lead, silica dust and polycyclic aromatic hydrocarbons (from Marlboro Reds cigarettes); polycyclic organic hydrocarbons, organophosphate flame-retardants, phthalates, benzothiazoles, musk compounds, plasticisers and silica dust (from road and tunnel dust); butyrophilin, bovine serum albumin, casein, organochloride pesticide residue, antibiotic residue (from pasteurized cow's milk powder); calcium silicate, sodium (from table salt); amoxicillin (from Amoxil oral broad-spectrum antibiotics); aromatic hydrocarbons, C9-C12, n-alkanes, isoalkanes, naphtha, benzene (from JOTUN Easy Primer paint); Neu5Gc, nitrites, sodium nitrates, polycyclic aromatic hydrocarbons, maltodextrin, sugar, monosodium glutamate (from Jack Link's Original Beef Jerky); and crushed glass in epoxy laminating resin mix.

42 x 30 x 30 cm







09. *The Goblets (Ulcerative Colitis)*

Glass goblet containing: Mercury, silver, tin, zinc, copper (from dental amalgam); arsenic, cadmium, lead, silica dust and polycyclic aromatic hydrocarbons (from Marlboro Reds cigarettes); levonorgestrel and ethinyl estradiol estrogen (from Loette/Alesse oral contraceptive tablets) and conjugated estrogens (from Premarin postmenopausal hormone replacement therapy tablets); amoxicillin (from Amoxil oral broad-spectrum antibiotics); sucralose (E955), sorbitol (E420) xylitol (E967), malitol (E965), isomalt (E953), aspartame (E951), acesulfam k (E950), acids (E296, E330, fumaric acid (E297), emulsifiers (E472a, E471), triacetin (E1518) and butylated hydroxytoluene (E321) ((from Stimorol Max Raspberry Lemon Flavour chewing gum)); ibuprofen, acetylated monoglycerides, colloidal silicon dioxide, croscarmellose sodium, methylparaben, microcrystalline cellulose, pharmaceutical glaze, pharmaceutical ink, propylparaben, sodium benzoate, sodium lauryl sulfate, stearic acid and titanium dioxide (from Advil ibuprofen tablets); aluminium (from aluminium cooking foil); PFHxA, PFHpA, PFOA, and PFDA (PFAS) (from house dust); and crushed glass in epoxy laminating resin mix.

42 x 30 x 30 cm







09. *The Goblets (Rheumatoid Arthritis)*

Glass goblet containing: mercury, silver, tin, zinc, copper (from dental amalgam); arsenic, cadmium, lead, silica dust and polycyclic aromatic hydrocarbons (from Marlboro Reds cigarettes); polycyclic organic hydrocarbons, organophosphate flame-retardants, phthalates, benzothiazoles, musk compounds, plasticisers and silica dust (from road and tunnel dust); levonorgestrel and ethinyl estradiol estrogen (from Loette/Alesse oral contraceptive tablets) and conjugated estrogens (from Premarin postmenopausal hormone replacement therapy tablets); dieldrin, beta-endosulfan, and beta-hexachlorocyclohexane (from Aunt Fannie's Perimeter Pest Powder); Neu5Gc, nitrites, sodium nitrates, polycyclic aromatic hydrocarbons, maltodextrin, sugar, monosodium glutamate (from Jack link's original Beef Jerky); caffeine, chlorogenic acids, caffeol, polyphenols, phytoestrogens and diterpenes, acrylamide (from Nescafé Clasico Light Roast instant coffee); and crushed glass in epoxy laminating resin mix.

42 x 30 x 30 cm







ANE GRAFF

10. The sculptural installation *States of Inflammation*, 2019.



Installation with mixed media
Variable dimensions

Installation view at the Nordic Pavilion Venice Biennial.

Unique work



FINLAND
NORVEG
SVEZI

WEATHER REPORT
Forecasting Future

18. Spomenik
19. Spomenik
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ANE GRAFF

born 1974, in Bode, Norway

States of Inflammation

2019

Cabinet in fuchsia coloured glass:

Symbiotic Planet: A New Look at Evolution, Lynn Margulis (Basic Books, 1998) and *The Structure and Distribution of Coral Reefs*, Charles Darwin (Cambridge University Press, 2013) with aluminium salts, raspberry red extract, Garnier Colour Sensation dark red hair dye, synthetic vitamin C/ascorbic acid powder, and Sensai translucent loose powder

Metal wire structure with clay, Titanium dioxide, yellow ochre, rust pigments, and powdered antibiotics

Brownstem coral with aluminium salts, powdered copper cables, meat glue, red sugar crystal marshmallows, and bauxite rock

Branch coral with aluminium salts, cochineal extract, Crest cinnamon toothpaste, carnauba wax, and titanium dioxide

Birds nest coral with aluminium salts, vermilion pigment, red seaweed carrageenan, and violacein pigments from *Janthinobacterium lividium*

Red pipe organ coral with aluminium salts, Hormuz red iron oxide, and carotenoid pigments from *Arthrobacter agilis*

Brownstem coral with aluminium salts, pearl edible lustre spray icing colouring, and carotenoid pigments from *Streptomyces coelicolor*

Cat's paw coral with aluminium salts, iron oxides from the New Almaden Mining Park (CA), and red dye 40

Cabinet in lavender coloured glass:

Wheat plants made from steel, iron, aluminium, thermoplastics, and clay

Pigment mix of goethite from Kursk Magnetic Anomaly, road and tunnel dust, industrial waste vivianite, glacial grey ochre, charcoal from Western steel mill (WA), ash, salt, and melted liquorice wheels

Awareness necklaces in sterling silver: autism spectrum disorder, Alzheimer's disease, neurological diseases, Hashimoto's disease, and brain disorders

Limestone

Cabinet in clear glass:

(from top to bottom)

The Goblets (Anxiety)

Glass goblet containing: diisocyanates, manganese, sulfuric acid, nickel, chlorine, chromium, trimethylbenzene, hydrochloric acid, molybdenum trioxide, lead, cobalt, glycol ethers (from air pollution); arsenic, cadmium, lead, silica dust, polycyclic aromatic hydrocarbons (from Marlboro cigarettes); maltitol, sorbitol, xylitol, steviol glycosides, ammonium salt, glycyrrhizin, E153, gum arabic (from sugar free salty liquorice pastilles); Neu5Gc, nitrites, sodium nitrates, polycyclic aromatic hydrocarbons, maltodextrin, sugar, monosodium glutamate (from Jack Link's original beef jerky); caffeine, chlorogenic acids, caffeol, polyphenols, phytoestrogens, diterpenes, acrylamide (from Nescafé Classico Light Roast instant coffee); and crushed glass in epoxy laminating resin mix

Glasses with clay, rust; soil

Steel clamps with copper and alum salt growths on fired white granite pebbles in clay

The Goblets (Memory Loss)

Glass goblet containing: mercury, silver, tin, zinc, copper (from dental amalgam); arsenic, cadmium, lead, silica dust, polycyclic aromatic hydrocarbons (from Marlboro cigarettes); polycyclic organic hydrocarbons, organophosphate flame-retardants, phthalates, benzothiazoles, musk compounds, plasticisers, magnetite, silica dust (from road and tunnel dust); aluminium zirconium tetrachlorohydrate gly, cyclopentasiloxane, PPG-14 butyl ether, phthalates (from Dove Sensitive antiperspirant stick); diacetyl, perfluorooctanoic acid, tertiary-butyl hydroquinone, trans fats (from microwave popcorn); *Saccharomyces cerevisiae* yeast, mold, gluten, hardened rapeseed oil (from molded white bread); glucose fructose, syrup, glycerol, E133, corn syrup, starch, E420, salt, sugar (from black icing color); calcium silicate, sodium (from table salt); aluminium (from aluminium foil); and crushed glass in epoxy laminating resin mix

Rust and soil

ANE GRAFF

nata nel 1974 a Bode, Norvegia

Stati di infiammazione

2019

Vetrina in color fucsia:

Symbiotic Planet: A New Look at Evolution, di Lynn Margulis (Basic Books, 1998) e *The Structure and Distribution of Coral Reefs* di Charles Darwin (Cambridge University Press, 2013) con sali di alluminio, estratto di lampone rosso, tintura per capelli rosso scuro Garnier Colour Sensation, polvere di vitamina C sintetica/acido ascorbico, cipria libera traslucida Sensai

Struttura metallica con argilla, biossido di titanio, ocra gialla, pigmenti ruggine, antibiotici in polvere

Corallo *Pocillopora verrucosa* con sali di alluminio, cavi di rame polverizzati, colla di carne, marshmallow con cristalli di zucchero rosso, roccia di baussite

Corallo *Acropora Florida* con sali di alluminio, estratto di cocciniglia, dentifricio Crest alla cannella, cera di carnauba, biossido di titanio

Corallo *Seriatopora* con sali d'alluminio, pigmento vermiglione, carragenina da alga rossa, pigmenti violacei da *Janthinobacterium lividium*

Corallo a canna d'organo rosso con sali di alluminio, ossido di ferro rosso di Hormuz, pigmenti carotenoidi da *Arthrobacter agilis*

Corallo *Pocillopora verrucosa* con sali di alluminio, colorante spray lucido commestibile per glassa rosa, pigmenti carotenoidi da *Streptomyces coelicolor*

Corallo *Pocillopora Eydouxii* con sali di alluminio, ossidi di ferro provenienti dal New Almaden Mining Park (California), colorante rosso 40

Vetrina in color lavanda:

Piante di frumento realizzate con acciaio, ferro, alluminio, termoplastiche, argilla

Miscela di pigmenti di goethite provenienti all'Anomalia Magnetica di Kursk, polvere di strade e gallerie, vivianite da acque reflue industriali, ocra grigio ghiaccio, carbone proveniente dall'acciaieria Western steel mill (Washington), cenere, sale, rotelle di liquirizia

Collane della consapevolezza in argento sterling: disturbo dello spettro autistico, morbo di Alzheimer, malattie neurologiche, malattia di Hashimoto, disturbi cerebrali

Pietra calcarea

Vetrina trasparente:

(dall'alto verso il basso)

I Calici (Ansia)

Calice di vetro contenente: diisocianati, manganese, acido solforico, nichel, cloro, cromo, trimetilbenzene, acido cloridrico, triossido di molibdeno, piombo, cobalto, eteri di glicole (da inquinamento atmosferico); arsenico, cadmio, piombo, polvere di silice, idrocarburi policiclici aromatici (dalle sigarette Marlboro); maltitolo, sorbitolo, xilitolo, glicosidi steviolici, sale di ammonio, glicirizina, E153, gomma arabica, (da pastiglie di liquirizia salata senza zucchero); Neu5Gc, nitriti, nitrati di sodio, idrocarburi policiclici aromatici, maltodestrina, zucchero, glutammato monosodico (dalla carne essiccata Jack Link's Beef Jerky gusto Original); caffeina, acidi clorogenici, caffeolo, polifenoli, fitoestrogeni, diterpeni, acrilammide (dal caffè solubile Nescafé Classico Tostatura chiara); e pezzi di vetro in miscela di resina epossidica per laminazione

Vetrini con argilla, ruggine; terra

Morsetti di acciaio con incrostazioni di rame e sale di allume, su ciottoli di granito bianco cotto di argilla

I Calici (Ansia)

Calice di vetro contenente: mercurio, argento, stagno, zinco, rame (da amalgama dentale); arsenico, cadmio, piombo, polvere di silice, idrocarburi policiclici aromatici (dalle sigarette Marlboro); idrocarburi policiclici organici, ritardanti di fiamma organofosfati, ftalati, benzotiazoli, composti di muschio, plastificanti, magnetite, polvere di silice (dalla polvere di strade e gallerie); Aluminium Zirconium Tetrachlorohydrate gly, cyclopentasiloxane, PPG-14 etere butilico, ftalati (dal deodorante stick anti-traspirante Dove Sensitive); diacetile, acido perfluorottanoico, terziario butil idrochinone, grassi trans (da popcorn a microonde); lievito di *Saccharomyces cerevisiae*, muffa, glutine, olio di colza indurito (da pane bianco ammuffito); glucosio-fruttosio, sciroppo, glicerolo, E133, sciroppo di mais, amido, E420, sale, zucchero (da colorante per glassa nero), silicato di calcio, sodio (da sale da cucina); alluminio (da alluminio in fogli); e pezzi di vetro in miscela di resina epossidica per laminazione

Ruggine e terra

10. The sculptural installation *States of Inflammation*, 2019.



Cabinet of fused glass and stainless steel structure

Wheat plants made from stainless steel, iron, aluminum, thermoplastics, and clay with pigment mix of goethite from Kursk Magnetic Anomaly, road and tunnel dust, industrial waste vivianite, glacial grey ochre, charcoal from Western steel mill (WA), ash, salt, and melted liquorish wheels

Awareness necklaces in sterling silver: autism spectrum disorder, Alzheimer's disease, neurological diseases, Hashimoto's disease, and brain disorders.

Limestone

140 x 100 x 252 cm













10. The sculptural installation *States of Inflammation*, 2019.



Cabinet of fused glass and stainless steel structure

The Goblets (Generalized Anxiety Disorder)

Glass goblet containing:
diisocyanates, manganese, sulfuric acid, nickel, chlorine, chromium, trimethylbenzene, hydrochloric acid, molybdenum trioxide, lead, cobalt, glycol ethers (from air pollution); arsenic, cadmium, lead, silica dust, polycyclic aromatic hydrocarbons (from Marlboro cigarettes); maltitol, sorbitol, xylitol, steviol glycosides, ammonium salt, glycyrrhizin, E153, gum arabic (from sugar free salty liquorice pastilles); Neu5Gc, nitrites, sodium nitrates, polycyclic aromatic hydrocarbons, maltodextrin, sugar, monosodium glutamate (from Jack Link's original beef jerky); caffeine, chlorogenic acids, caffeol, polyphenols, phytoestrogens, diterpenes, acrylamide (from Nescafé Classico Light Roast instant coffee); and crushed glass in epoxy laminating resin mix

Glass with clay and rust; soil
Steel clamps with copper and alum salt growths on fired white granite pebbles in clay

The Goblets (Memory Disorder)

Glass goblet containing:
mercury, silver, tin, zinc, copper (from dental amalgam); arsenic, cadmium, lead, silica dust, polycyclic aromatic hydrocarbons (from Marlboro cigarettes); polycyclic organic hydrocarbons, organophosphate flame-retardants, phthalates, benzothiazoles, musk compounds, plasticisers, magnetite, silica dust (from road and tunnel dust); aluminium zirconium tetrachlorohydrate, cyclopentasiloxane, PPG-14 butyl ether, phthalates (from Dove Sensitive antiperspirant stick); diacetyl, perfluorooctanoic acid, tertiary-butyl hydroquinone, trans fats (from microwave popcorn); *Saccharomyces cerevisiae* yeast, mold, gluten, hardened rapeseed oil (from molded white bread); glucose fructose, syrup, glycerol, E133, corn syrup, starch, E420, salt, sugar (from black icing color); calcium silicate, sodium (from table salt); aluminium (from aluminium foil); and crushed glass in epoxy laminating resin mix

Soil

















10. The sculptural installation *States of Inflammation*, 2019.



Cabinet of fused glass and stainless steel structure.

Vagus nerve structure in epoxy clay/metal, Titanium dioxide, cinnabar, rust pigments, and powdered antibiotics, with Brownstem coral with aluminum salts, pink edible lustre spray icing coloring, and carotenoid pigments from *Streptomyces coelicolor*; Branch coral with aluminium salts, cochineal extract, Crest cinnamon toothpaste, carnauba wax, and titanium dioxide; and Birdsnest coral with aluminium salts, vermilion pigment, red seaweed carrageenan, and violacein pigments from *Janthinobacterium lividum*

Symbiotic Planet: A New Look at Evolution, Lynn Margulis (Basic Books, 1998), and *The Structure and Distribution of Coral Reefs*, Charles Darwin (Cambridge University Press, 2013) with aluminum salts, raspberry red extract, Garnier Colour Sensation dark red hair dye, synthetic vitamin C/ascorbic acid powder, and Sensai translucent loose

Powder

Vagus nerve structure in clay/metal, with Red pipe organ coral with aluminum salts, Hormuz red iron oxide, and carotenoid pigments from *Arthrobacter agilis*; Brownstem coral with aluminum salts, powdered copper cables, meat glue, red sugar crystal marshmallows, red sugar crystal marshmallows, and bauxite rock; and Cat's paw coral with aluminum salts, iron oxides from the New Almaden Mining Park (CA), red dye 40



















ANE GRAFF

11. The exhibition *There Are Others Here With Me*, with the individual works *The Nerves*, *The Gut-Brain Axis*, *The Spleen*, *The Cardiovascular System*, *Mouth Wide Open* and *The Body*, all 2020.



Installation with mixed media
Variable dimensions

Exhibition history: OSL Contemporary, Oslo

Unique works





ANE GRAFF

11. *The Body*



Steel and oak wood.

130 x 60 x 60 cm



11. *The Cardiovascular System*



Hallandia gneiss.

Steel coated with beeswax, glass.

Glass structure containing Clear Paraffin Gel Jelly Wax (petroleum production derivative), Royal Raspberry flavour Jelly Made with Halal beef gelatin, MAC Glaze Lipstick in All Fired Up, Crest Complete Cinnamon Rush toothpaste, Cochineal Lake pigment (made from the dried, pulverised bodies of the cochineal female scale insects. The beetle was native to the New World, and used by the Aztecs for dyeing and painting, brought to Europe in the 16th century following the Spanish conquest (from Canary Islands, Spain), Kappa carrageenan (from red edible seaweed used in the food industry for its gelling properties), and PME pink edible lustre spray icing colouring.

50 x 50 x 155 cm









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11. *The Gut-Brain Axis*



Vånga granite.

Pages from *How the West Came to Rule: The Geopolitical Origins of Capitalism*, Alexander Anievas and Kerem Nisancioglu (Pluto Press, 2015), and *The Betty Crocker Big Book of Cupcakes*, Betty Crocker (Wiley, 2011), steel wire mesh, potassium aluminium sulphate, Solgar Naturally Sourced Vitamin K MK-7 from Natto extract, road dust from the Opera tunnel in Oslo, Yerba Prima activated coconut charcoal, powdered Cephalon Provigil (narcolepsy medication and cognitive enhancer), Titanium dioxide (food-grade pigment), Taylor of Old Bond Street Talc Powder, Urban Decay Moondust Eyeshadow in Blackout.

50 x 50 x 115 cm





11. *The Nerves*



Lavender, fuchsia and coral glass, steel, steel wire and hanging glass structure.

Candles made from paraffin wax (hydrocarbons, fats and oils from petroleum production processes), Swanson Ultra Albion Chelated Manganese capsules, rust pigments (from scrap metal), Mica Powder Skin Safe in Sparkle, glacial grey ochre (glacial till clay deposits made from the wasting ice sheet floating on ponded brackish water from ca. 19,000 years ago (coastal Washington)), blue ochre industrial waste vivianite (made as a purification upcycled pigment from automobile industrial waste from Taiwan), and tea tree, eucalyptus and cedar wood essential oils with anti-inflammatory and anti-bacterial properties.

150 x 130 x 250 cm









11. *The Spleen*



Steel wire and glass.

Glass vessel containing Dagens Næringsliv (Norwegian financial newspaper), Grandma's White Dirt of Georgia Kaolin Clay Chunks, The Proud Rooster Free Range Eggs, mud and water from Maridalsvannet (the main drinking water supply for Oslo), multiple species of algae and Cyanobacteria, Cacas Sky Cerise Icing colour, Genuine Indigo Blue In Pieces (Indigofera Tinctoria), Logwood Extract powder (a spiny, tropical American tree, largely found in the Yucatan Peninsula of Mexico). The extract is a purple-red dye derived from processing the darkest heartwood).

27 x 10 x 44 cm

11.



11. *Mouth Wide Open*



Coloured glass, plaster, resin.

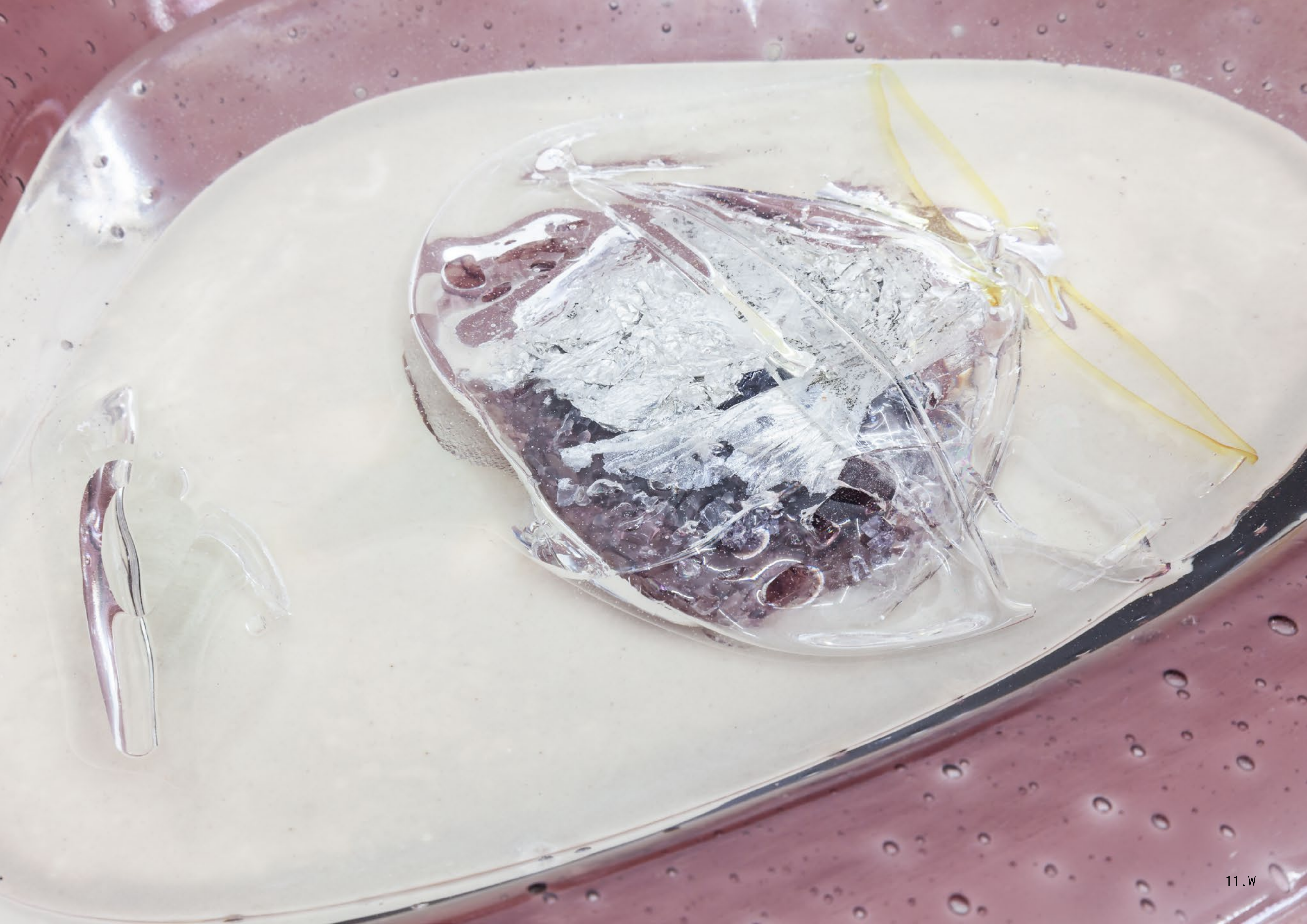
The Goblets (Memory Loss)

Melted glass goblet containing: Mercury, silver, tin, zinc, copper (from dental amalgam); arsenic, cadmium, lead, silica dust, polycyclic aromatic hydrocarbons (from Marlboro cigarettes); diisocyanates, manganese, sulphuric acid, nickel, chlorine, chromium, trimethylbenzene, hydrochloric acid, molybdenum trioxide, lead, cobalt, glycol ethers (from air pollution); aluminium zirconium tetrachlorohydroxygly, cyclopentasiloxane, PPG-14 butyl ether, phthalates (from Dove Sensitive antiperspirant stick); diacetyl, perfluorooctanoic acid, tertiary-butyl hydroquinone, trans fats (from microwave popcorn); Saccharomyces cerevisiae yeast, mold, gluten, hardened rapeseed oil (from molded white bread); glucose fructose, syrup, glycerol, E133,

corn syrup, starch, E420, salt, sugar (from Cacas black icing color); calcium silicate, sodium (from table salt); aluminium (from aluminium foil); and crushed glass.

70 x 30 x 30 cm





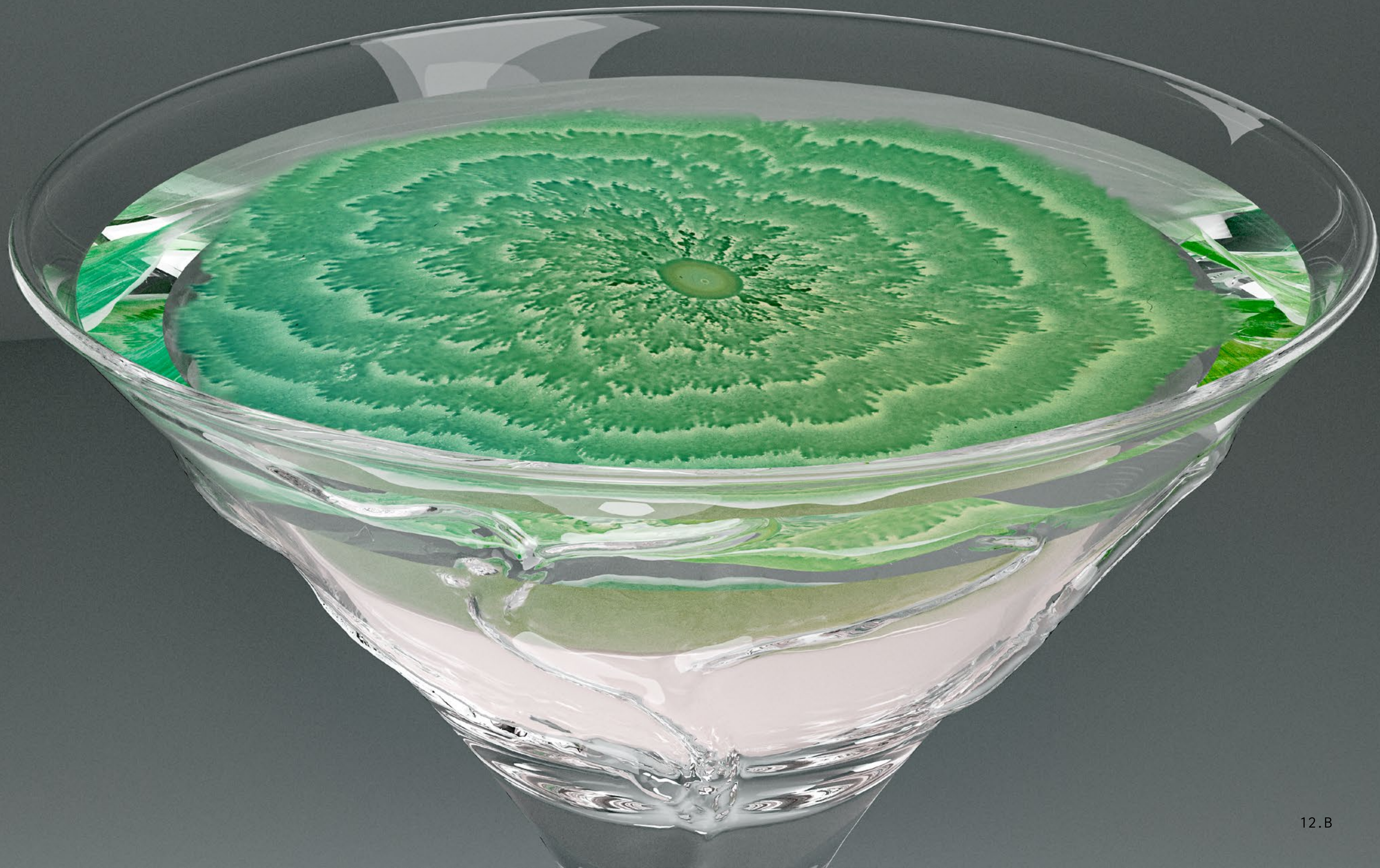
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12. The collaboration with synthetic biologist Tal Danino, resulting in the sketched artwork *The Goblets (P. Mirabilis)*, 2020

3D model of glass goblet containing: silicone, engineered *P. mirabilis* and resin.

Dimensions variable







13. The sculptural installation *The Goblets (Soil Edition)*, 2021



Variable dimensions

Soil, glass goblets (read further for contents)

Goblets containing:

Garden Direct Urea (46% Nitrogen)¹, Iranian Hormuz red ochre², calcium acetate³ made from blue mussels (*Mytilus edulis*) and oyster shells (*Magallana gigas*)⁴, agar pieces with bacillus strains⁵ from soil (produced by the Tal Danino laboratory), Block Single copper wire⁶, dust from the ruins of the Iranian Fortress of Ormuz (oxide haematite with a hint of rusted iron)⁷, Bob's Red Mill Super-Fine Almond flour⁸, Levocetirizine oral (Xyzal) antihistamine medication⁹, E129 Allura Red AC from Think Pink-Breast Cancer Awareness Candy: Starburst All Pink Fruit Chews in Strawberry¹⁰, blue ochre vivianite¹¹, Mica Powder Skin Safe in Sparkle¹², rust pigments from scrap metals found at Sofienbergparken recycling station (NO)¹³, Solgar Naturally Sourced Vitamin K2 MK-7 from Natto extract¹⁴, glacial grey ochre from the

Upper Palaeolithic Period¹⁵, Taylor of Old Bond Street Talc Powder¹⁶, road dust from downtown Oslo (NO)¹⁷, E171 Titanium dioxide food-grade pigment¹⁸, E127 Erythrosine from Wilton Pink Icing colour¹⁹, Carmine lake pigment (the pulverised bodies of the cochineal female scale insects)²⁰, 150-year-old Washington mined charcoal (still smelling like deep smoke)²¹, Prilosec (Omeprazole) Proton Pump Inhibitor²², monosodium glutamate (MSG)²³, McCormick Strawberry Extract With Other Natural Flavors²⁴, All One Original Formula Multiple Vitamin & Mineral Powder²⁵, violacein pigment²⁶, Red Sea Scleractinian coral skeletons from Hurghada (EG)²⁷, Sodium chloride (NaCl)²⁸ and Logwood Extract powder²⁹.

¹ Urea was the first organic compound to be synthesised from inorganic starting materials (in 1828). It is widely used in fertilisers as a source of nitrogen (N), and is applied to **soil** or plant tissues.

² Due to its concentration of iron oxide, the Hormuz red ochre is responsible for the Hormuz island red **soil** and beaches. In places where the sand is redder, the waves in the sea become tinged with pink.

³ The incorporation of calcium acetate into the **soil**, facilitates the mobilisation of other elements such as potassium.

⁴ From the 1890s, the most important sea product used on the land was known as "mussel mud", a residue dragged up from the underwater beds where the mollusc grow and live. Made up of a rich decomposing mixture of oyster shells, mussels, and organic elements, mussel mud was practically the only source of lime at the farmer's disposal for his **soil**.

⁵ Bacillus-like species are gram-positive bacteria that are ubiquitous in **soils**. Many Bacillus-like bacteria are demonstrated as beneficial microbes widely used in agriculture. However, the knowledge related to their diversity and distribution patterns in **soils** is still rudimentary.

⁶ **Soils** naturally contain copper in some form or other, ranging from 100 parts per million (ppm) to around 30 ppm. Cu occurs in the **soil** almost exclusively in divalent form. The largest fraction of Cu is usually present in the crystal lattices of primary and secondary minerals.

⁷ The conquest of Hormuz island in 1507 gave the Portuguese full control of the trade between India and Europe passing through the Persian Gulf. The crumbling Portuguese fortress of Hormuz, The Fort of Our Lady of the Conception, was constructed on reddish **soil** on a rocky promontory at the far north of the island, and is one of the last surviving monuments of the colonial rule in the Persian Gulf.

⁸ The almond tree thrives in a wide variety of **soils** from sandy loam to clay, but generally prefers light, fertile, deep and well drained **soils**.

⁹ Sewage sludge used as fertiliser on farms can leave traces of prescription drugs such as antihistamines and household chemicals deep in the **soil**. These compounds are not sitting in the top layer, we see vertical movement down through the **soil**, which means there's potential to get into the groundwater. In the US, about half of treated sewage sludge from wastewater plants is applied to farm fields.

¹⁰ Despite their lack of nutritional value, petroleum-based azo dyes such as E129 Allura Red AC are widely used as stains, markers or intrinsic sensors. Azo dyes can persist in **soil** for several days to weeks, and affect the **soil** microbial structure and on **soil** processes related to C and N cycling.

¹¹ Vivianite regularly occurs in close association with organic remains in iron-rich sediments and **soils**. Simultaneously, it is a biogenic mineral product of metal reducing bacteria. Vivianite nucleation in natural systems is directed by the activity of such bacteria and crystal growth is particularly favoured within protected microzones.

¹² Micas are used in a variety of products ranging from drywalls, paints, fillers, roofing, electronics and cosmetics. Mica in **soils** is usually inherited from the parent rock and is likely to occur in **soils** derived from various igneous and metamorphic rocks, as well as from sediments.

¹³ Oxidized iron (rust) is what gives most red sub**soils** their colour. **Soil** colour is determined by several factors, including organic content, drainage conditions, weathering and mineral composition. Metal rust compounds in **soil** in moderate amounts does not harm plants, because it is not water soluble unless the **soil** ph is very low.

¹⁴ Natto might be the first recorded use of endospores in food technology since the materials and tools needed to produce natto have been commonly available in Japan since ancient times. It is a soy product made from soybeans fermented with *B. subtilis*, a Gram-positive, rod-shaped bacterium commonly found in the **soil**.

¹⁵ This glacial **soil** consists of glacial till clay deposits made from the wasting ice sheet floating on ponded, brackish water from ca. 19,000 years ago, in the Upper Palaeolithic Period. It was sourced in coastal Washington (US).

¹⁶ Talc is a clay mineral, composed of hydrated magnesium silicate in **soil**. Talc is a common metamorphic mineral in metamorphic belts that contain ultramafic rocks, such as soapstone, and within whiteschist and blueschist metamorphic terranes.

¹⁷ Roadside PM is derived from vehicle exhaust, tire wear particles, and re-suspended roadside **soil**.

¹⁸ Titanium dioxide is widely used as whitener in food production for puffed food, candy coating and flour. Titanium dioxide nanoparticles

13.

strongly impact **soil** microbial function, with strong negative impact on nitrification enzyme activities and the abundances of ammonia-oxidizing microorganisms. The nanoparticles are indirectly discharged in agricultural **soils** through irrigation or sewage sludge application, and directly as nanofertilisers or nanopesticides.

¹⁹ Erythrosine, also known as Red No. 3, is an organoiodine compound, specifically a derivative of fluorine. It is a pink dye which is primarily used for food colouring. It is also used as a plasma stain for nerve cells and staining bacteria in **soil**.

²⁰ The Cochineal beetle was native to the New World, and used by the Aztecs for dyeing and painting. The beetles feed on paddle cacti and white, fuzzy lumps on the leaves indicate their presence. They are rich in carminic acid, a red liquid that repels ants, birds and other predators. The Cochineal beetle was brought to Europe in the 16th century following the Spanish conquest of Aztec **soil**.

²¹ Charcoal from the West Coast of USA's earliest steel mill in Washington, where iron ore was found in the 1880s. The **soil** surrounding the mill tells the story of the mine, as the steel mill dust containing high levels of iron and zinc has integrated into the **soil**. Ultimately, the mill failed.

²² A Proton Pump Inhibitor inhibiting gastric acid secretion used to treat the symptoms of gastroesophageal reflux disease (GERD), gastric ulcers, and other conditions caused by excess stomach acid. If released into **soil**, Omeprazole is expected to have very low mobility based upon an estimated Koc of 1500. The estimated pKa is 4.78, indicating that this compound will exist partially in cation form in the environment and cations generally absorb more strongly into **soils** containing organic carbon and clay than their neutral counterparts.

²³ The Food and Drug Administration (FDA) has classified MSG as a food ingredient that is "generally recognised as safe," but its use remains controversial. By-products from MSG production is used as a **soil** fertiliser in some Asian countries, and as part of pesticide mixes.

²⁴ Strawberry monocropping, the intense cultivation for several years in the same field, exert a negative impact on **soil** quality, as it affects the native microbial population.

²⁵ Multivitamins made for human consumption can benefit plants when added to their water or **soil**. Vitamins A, B1, B12, B100, C and E, as well as pantothenic acid, can help plants grow faster, taller, and resist fungi and insect infestations.

²⁶ Violacein pigment is produced by numerous bacterial strains (such as *Janthinobacterium lividum*) spanning various genera, and are found in all types of natural environments, from marine to freshwater to **soil**. It is a striking purple hued pigment with anti-bacterial, anti-viral, anti-fungal and anti-tumour properties.

²⁷ A large part of the **soil** sediments in various bodies of water will finally enter the world's oceans, such as fertilisers, pesticides, herbicides and other agricultural materials. Coastal development is another major contributor to the sedimentation. It is estimated that 30 percent of the world's coral reefs are in risk because of construction near rivers, lakes or shores.

²⁸ Salts of sodium, calcium, potassium, magnesium, chlorides, nitrates, sulphates, bicarbonates and carbonates originate from the earth's crust. They also can result from weathering, in which small amounts of rock and other deposits are dissolved over time and carried away by water. Organic amendments also add salts to the **soil**.

²⁹ Logwood is a spiny, tropical American tree, largely found in the Yucatan Peninsula of Mexico. The tree responds well to a **soil** mix of lava rock and pine bark. Its heartwood yields deep, rich, red purples to orchid blues and was prized as dyestuff since the 16th century. The Spanish proceeded to export many tons of the debarked heartwood of logwood to Europe. Logwood's scientific name, *Haematoxylum campechianum*, means "bloodwood".



















ANE GRAFF

14. The sculptural installation *The Goblets (Chronic Fatigue, Brain Fog, Depression, Memory Loss & Generalised Anxiety Disorder)*, 2021



Variable dimensions
MDF, two-component lacquer, glass

For glass contents, see individual goblets



14. *The Goblets (Generalised Anxiety Disorder)*



130 x 30 x 30 cm

MDF, two-component lacquer, glass

Glass goblet containing:

Albuterol sulphate *from Proventil oral asthma medication.*

Radioactive cesium-137 in lichen from Børgefjell, Norway, *originating from the Chernobyl disaster April 26th 1986 in the Ukrainian SSR.*

E1520 propylene glycol, E129 Allura Red, E415 xanthan gum, ethyl alcohol, hydrogenated soya bean oil, E133 Brilliant Blue, natural and artificial flavour enhancers *from LorAnn Red Velvet Bakery Emulsion.*

Cadmium, copper, zinc, carbofuran, and lindane *from Hexaplex trunculus collected in Bizerta lagoon, Tunisia.*

Sugar, corn syrup, hydrogenated palm kernel oil, modified corn starch, E171 titanium dioxide, E129 Allura Red, E102 Tartrazine, E110 Sunset Yellow, E331 sodium citrate, and artificial flavouring *from Skittles Wild Berry Candy.*

Caffeine, sugar, hydrogenated coconut oil, corn syrup solids, dipotassium phosphate, mono- and diglycerides, sodium silicoaluminate, artificial flavouring, modified whey, dry sweet whey, fillers, caffeine, polyphenols, phytoestrogens, diterpenes, acrylamide, pesticide-, herbicide- and insecticide residue *from Folgers Cappuccino Instant Coffee.*

Polycyclic organic hydrocarbons, organophosphate flame-retardants, phthalates, benzothiazoles, musk compounds, plasticisers, lead, nickel, cadmium, arsenic, magnetite, and silica dust *from road and tunnel dust collected in Nordbytunnelen, Oslo, Norway.*

Urea *from Garden Direct Urea (46% N).*







14. *The Goblets (Chronic Fatigue Syndrome)*



130 x 30 x 30 cm
MDF, two-component lacquer, glass

Glass goblet containing:

Loratadine from Claritin antihistamine medication.

Mercury, cadmium, copper, zinc, lead, nickel, chromium, antimony, iron, mangan, vanadoim, aluminium, lithium, and tin *from mussels (Mytilus edulis) from the Poland coast of Baltic Sea.*

Arginine, phytic acid, poly-unsaturated fats (PUFAs), pesticide residue (such as glyphosate, propylene oxide (PPO), Ziram, Oryzalin, glyphosate, paraquat dichloride, CheckMate and clarified hydrochloric extract), insecticides, fungicides, treated fracking waste water, and privatised Californian water supply *from Wonderful Almonds Natural.*

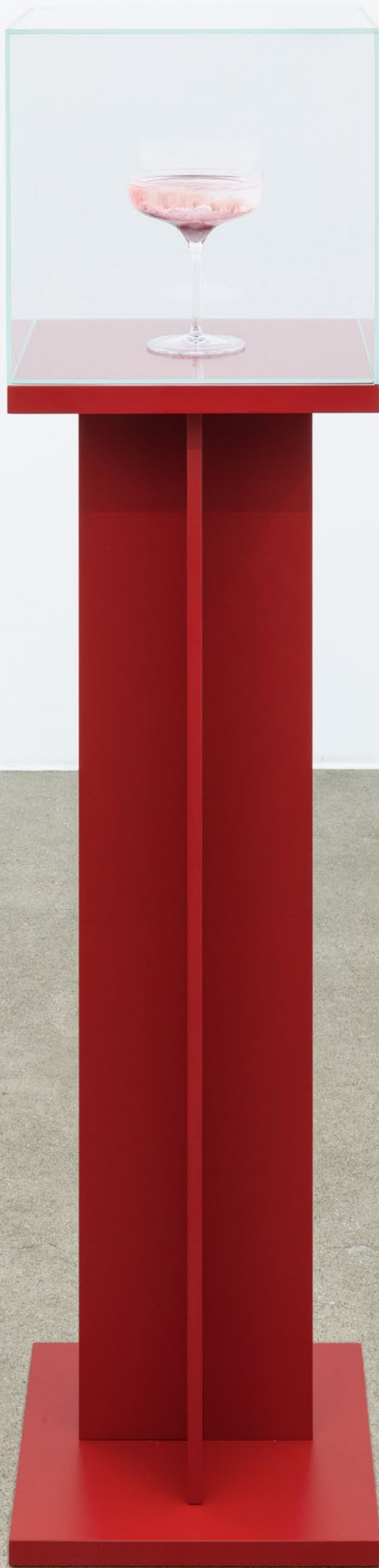
Nicotine, E 1520 propylene glycol, sodium ions, chloride ions, and sodium carbonate *from Swedish match G.3 Sparkling White Dry snuff.*

Maltodextrin, natural and artificial flavouring, sucralose, E102 Tartrazine, E110 Sunset Yellow, aspartame, acesulfame potassium, and sugar phenylketoneurics (contains phenylalanine) *from Starburst Singles To Go Powdered Drink Mix, All Pink Strawberry.*

Piperonyl butoxide, pyrethrum extract, ammonium laureth sulphate, isopropyl alcohol, and PEG-25 hydrogenated castor oil *from RID Lice Killing Shampoo.*

E102 Tartrazine, CI 45410/Acid Red 92, CI 15850/D&C Red No. 6 barium or 7 calcium lake, malic acid, aluminium powder, dimethicone, phenoxyethanol, and talc *from Too Faced Fruit Cocktail Blush Duo in StrobeBerry.*

Urea *from Garden Direct Urea (46% N).*







14. *The Goblets (Depression)*



130 x 30 x 30 cm
MDF, two-component lacquer, glass

Glass goblet containing:

Isotretinoin and sorbitan monooleate from *Absorica isotretinoin capsules*, a medication used to treat cystic acne.

Copper, zinc, nickel, and cobalt from *Red Sea scleractinian coral skeletons from the Red Sea Coast, Hurghada, Egypt*.

Sugar, high-fructose corn syrup, hydrogenated palm kernel oil, modified corn starch, and E129 Allura Red from *Think Pink, Breast Cancer Awareness Candy: Starburst All Pink Fruit Chews in Strawberry*.

Crushed diorite and granitic gneiss from a rainstorm induced series of debris flows (landslides) in *Veikledalen, Norway, 2011¹*.

Sorbitol, aspartame, acesulfame K, E320 butylated hydroxyanisole (BHA), and E321 butylated hydroxytoluene (BHT) from *Wrigley's Extra White Bubblemint sugar-free chewing gum*.

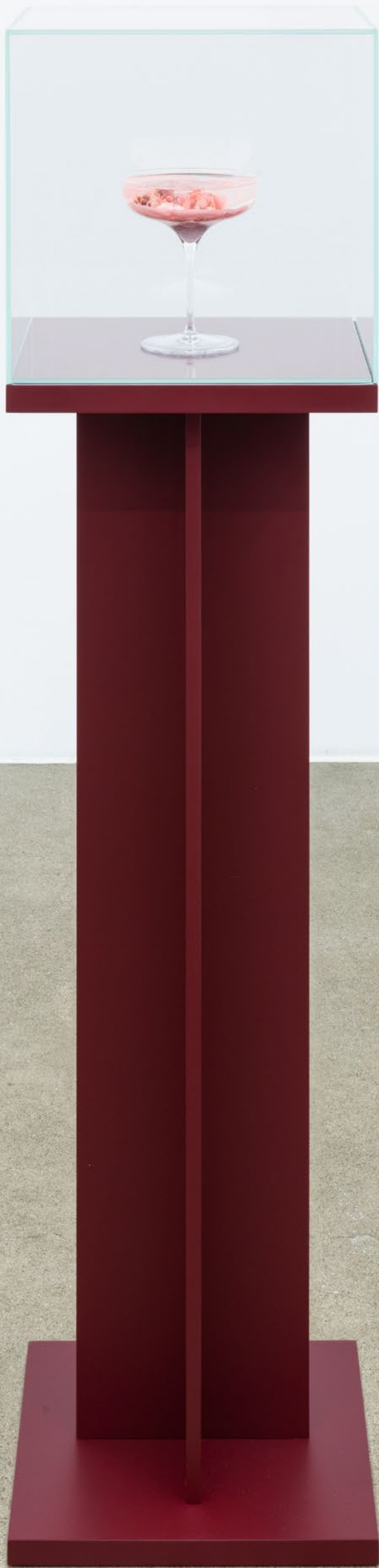
E133 Brilliant Blue, E102 Tartrazine, CI 15850/D&C Red No. 6 barium Lake, E129 Allura Red, CI 77000 aluminum powder, CI 77499 iron oxides, chromium hydroxide green, titanium dioxide, dimethicone, cyclopentasiloxane, ferric ferrocyanide, phenoxyethanol, and hexylene glycol from *JD Glow Cosmetics Matte Shadow in Lava*.

Wheat flour, sodium, E621, E635 monosodium glutamate - glutamic acid, sugar, soya sauce powder, maltodextrin, E551 silicon dioxide, hydrolysed vegetable protein, and smoke flavouring oil (incl. polycyclic aromatic hydrocarbons) from *Nissin Chicken Flavour Instant Noodles*.

Polycyclic organic hydrocarbons, organophosphate flame-retardants, phthalates, benzothiazoles, musk compounds, plasticisers, lead, nickel, cadmium, arsenic, magnetite, and silica dust from *road and tunnel dust collected in Nordbytunnelen, Oslo, Norway*.

Urea from *Garden Direct Urea (46% N)*.

¹ Causing damage to property, animals and humans (natural disaster depression).







14. *The Goblets (Memory Loss)*



130 x 30 x 30 cm
MDF, two-component lacquer, glass

Glass goblet containing:

Omeprazole magnesium from *Prilosec (omeprazole)*, a Proton Pump Inhibitor inhibiting gastric acid secretion used to treat the symptoms of gastroesophageal reflux disease (GERD), gastric ulcers, and other conditions caused by excess stomach acid.

Partially hydrogenated soybean oil, artificial butter flavouring/ diacetyl/2,3-pentanedione, natural butter flavouring, perfluoroalkyls, perfluorooctanoic acid (PFOA), and perfluorooctane sulphonate (PFOS) from *Cousin Willie's Buttery Explosion Microwave Popcorn*.

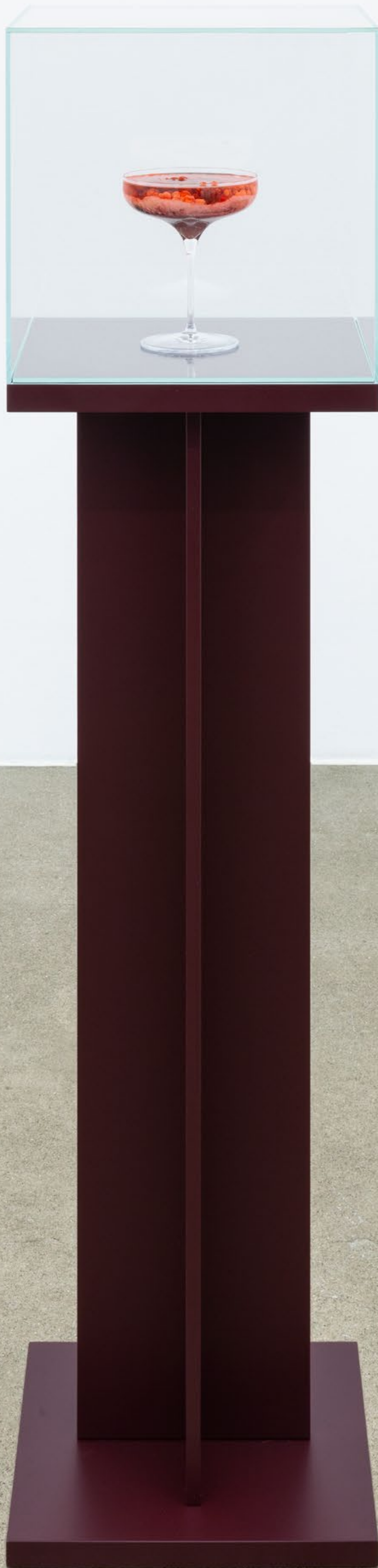
E171 titanium dioxide, E124 Ponceau 4R, and E102 Tartrazine from *Rainbow Dust Edible Silk: Starlight Atomic Tango- 100% Edible Silk Lustre Powder*.

E110 Sunset Yellow, E133 Brilliant Blue, E102 Tartrazine, CI 45410/Acid Red 92, CI 15850/D&C Red No. 6 barium or 7 calcium Lake, citronellol, benzyl cinnamate, CI 17200/Acid Red 33, CI 15510/Acid Orange 7, benzyl benzoate, tocopheryl acetate, hexyl cinnamal, BHT, and octinoxate from *Revlon Moon Drops Lipstick - Crème Lipstick, Hot Coral (2014 formulation)*.

Ammonia, arsenic, benzene, butane, cadmium, carbon monoxide, formaldehyde, hexamine, lead, naphthalene, methanol, nicotine, tar, toluene, lead, silica dust, polycyclic aromatic hydrocarbons, sugars (sucrose and/or invert sugar and/or high fructose corn syrup), natural and artificial flavouring from *Marlboro Red Label 100's cigarettes*.

Polycyclic organic hydrocarbons, organophosphate flame-retardants, phthalates, benzothiazoles, musk compounds, plasticisers, lead, nickel, cadmium, arsenic, magnetite, and silica dust from *road and tunnel dust collected in Nordbytunnelen, Oslo, Norway*.

Urea from *Garden Direct Urea (46% N)*.







14. *The Goblets (Brain Fog)*



130 x 30 x 30 cm
MDF, two-component lacquer, glass

Glass goblet containing:

Clonazepam from Klonopin oral tablets anti-anxiety medication.

Corn Syrup, sugar, sorbitol, modified corn starch, E129 Allura Red, sodium benzoate, and potassium sorbate from Wilton Icing Color in Red.

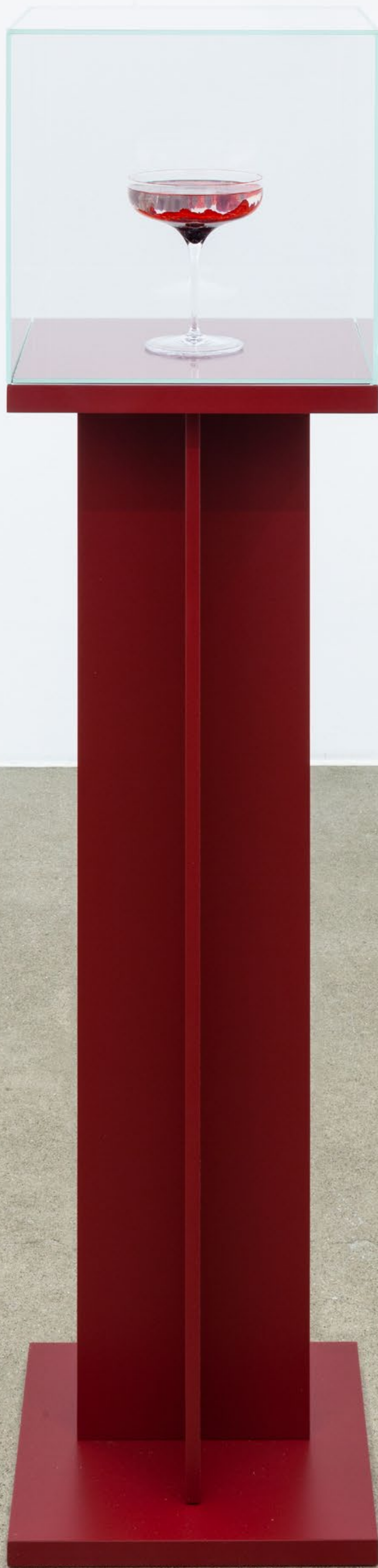
Aluminium zirconium tetrachlorohydroxy gly, cyclopentasiloxane, phthalates, BHT, tocopheryl acetate, alpha-isomethyl ionone, benzyl alcohol, benzyl salicylate, butylphenyl methylpropional, cinnamyl alcohol, citronellol, coumarin, and hexyl cinnamal from Dove Invisible Dry Antiperspirant Deodorant Stick.

Talc, silica, dimethicone, cetyl dimethicone, titanium dioxide/CI 77891 from Clairol Root Touch-Up - Just The Red Shades.

Ammonia, arsenic, benzene, butane, cadmium, carbon monoxide, formaldehyde, hexamine, lead, naphthalene, methanol, nicotine, tar, toluene, lead, silica dust, polycyclic aromatic hydrocarbons, sugars (sucrose and/or invert sugar and/or high fructose corn syrup), natural and artificial flavouring from Marlboro Red Label 100's cigarettes.

Polycyclic organic hydrocarbons, organophosphate flame-retardants, phthalates, benzothiazoles, musk compounds, plasticisers, lead, nickel, cadmium, arsenic, magnetite, and silica dust from road and tunnel dust collected in Nordbytunnelen, Oslo, Norway.

Urea from Garden Direct Urea (46% N).







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15. The exhibition *The Wound In Its Entanglements* with the individual works *Patches of Standing Water*, *The Brain-Cardiovascular System (Heart Brain Pain)*, and *The Goblets (Chronic Fatigue, Dementia, Major Depressive Disorder, Inflammation-Induced Anorexia, Post-traumatic Stress Disorder, Obsessive-Compulsive Disorder & Generalised Anxiety Disorder)* 2022



Variable dimensions

Exhibition view Kunstinstituut Melly, Rotterdam NL



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15. *Patches of Standing Water*

Glass structure in green glass

Vein structures in steel with gallium, ultramarine pigment, acrylic paint and sand

Hand blown glass bottle/ 'heart' structure containing:
Crystallised sugarcane juice from Madeira, calcium acetate made from blue mussels (*Mytilus edulis*) and oyster shells (*Magallana gigas*), crushed Indonesian Muntok white pepper, crystallised urea (46% Nitrogen), glacial till clay deposits made from wasting ice sheets floating on ponded, brackish water from the Upper Palaeolithic Period/ Washington, sunscreen-derived nano-Zinc oxide particles, Red Sea Scleractinian coral skeletons from Hurghada (EG), crystallised table salt Sodium chloride (NaCl), traces of 522 potassium aluminium sulfate from Ravenscar/ North Yorkshire, Tamil Nadu indigo (*Indigofera tinctoria*) from southern India, and Epson print ink in Cyan with petroleum distillates

Metal clamped 'organ' structure consisting of:
Clay from the Oslo fjord, Malachite pigment from Tsumeb/ Namibia, potassium aluminium sulfate from Ravenscar/ North Yorkshire, human DNA, powdered quartz, 'Colonial White' granite pebbles, and petrified Araucaria wood from the Triassic period

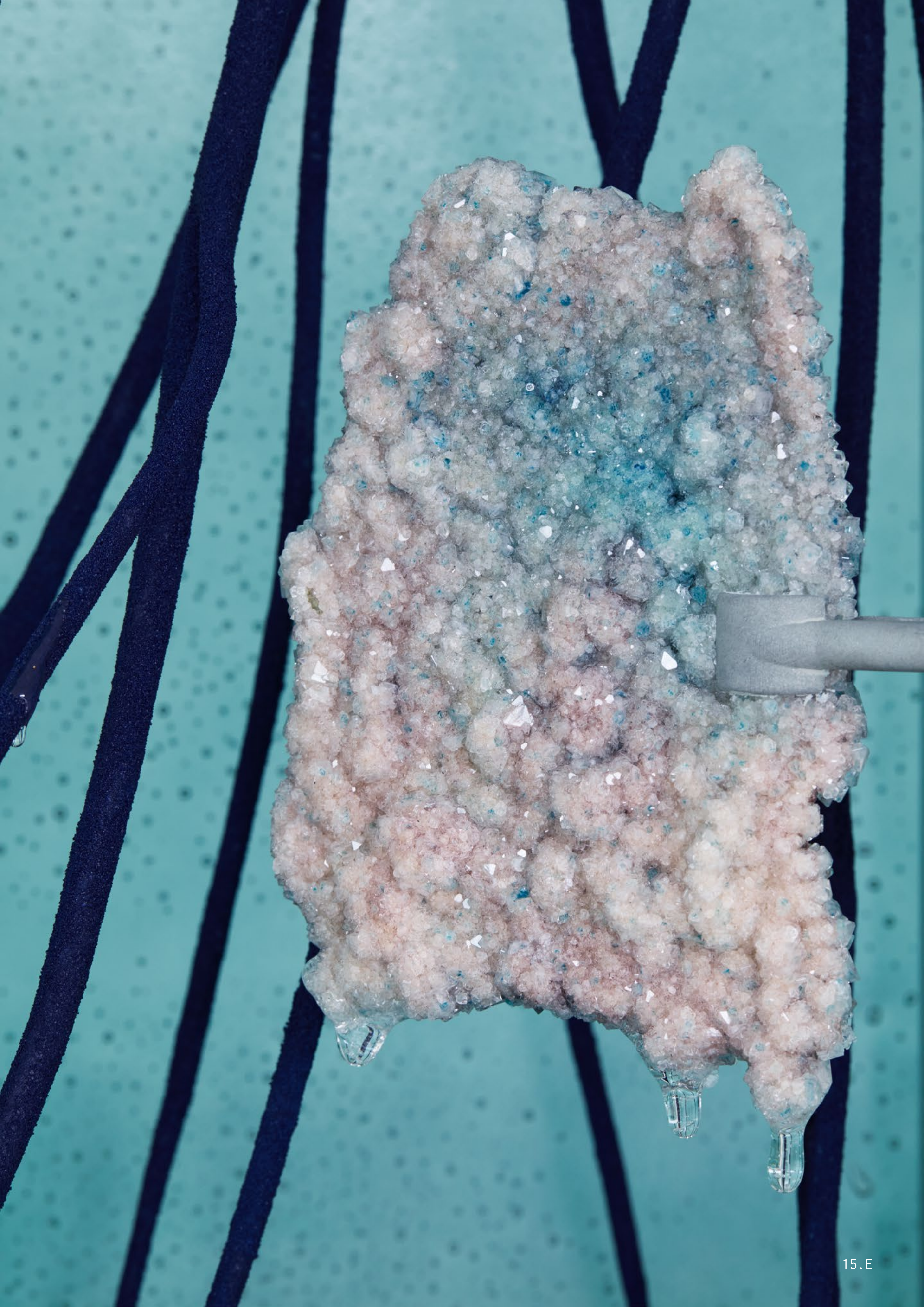
Exhibition view at Kistefos Museum, Norway

140 x 100 x 225 cm









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15. *The Brain-Cardiovascular System (Heart Brain Pain)*

Melted aluminum, steel, silver, epoxy clay

180 x 120 x 250 cm

Installation view at Kunstinstituut Melly, Rotterdam

Vein structures in glass containing:

Dawn to dusk ochre¹, Washington mined charcoal², vanillin³, playa salt crust from the Salton Sea (CA)⁴, talc and cornstarch from powdered latex gloves, road- and tunnel dust⁵, calcium acetate⁶ from blue mussels (*Mytilus edulis*) and oyster shells (*Magallana gigas*), Clinique All About Shadow Singles in Sugar Cane, Trimethoprim Oral antibiotics⁷, urea (46% Nitrogen)⁸.

¹ The dawn to dusk ochre transform into a purplish shade if heated in aluminium, the trace aluminium in the pigment activated.

² 150 year old charcoal from the West Coast of USA's earliest steel mill in Washington (ultimately they failed), which have bits of iron in them and still smell like deep smoke.

³ Vanilla was cultivated as a flavouring by pre-Columbian Mesoamerican people; at the time of their conquest by Hernán Cortés, the Aztecs it as flavouring for chocolate. Synthetic vanillin became significantly more available in the 1930s, when lignin waste produced by a sulphite pulping process from preparing wood pulp for the paper industry was used in the production of vanillin.

⁴ Salt lakes, or saline lakes, are terminal lakes. As the fertilizers and salts concentrate, and the Sea dries, a dry crust, called playa, is exposed, which then is them turned to dust by strong southern winds blowing during summer months.

⁵ Collected in Oslo, NOR, 2019, containing diisocyanates, manganese, sulphuric acid, nickel, chlorine, chromium, trimethylbenzene, hydrochloric acid, molybdenum trioxide, lead, cobalt and glycol ethers.

⁶ Calcium acetate is the calcium salt of acetic acid. It is used, commonly as a hydrate, to treat excess phosphate in the blood. An older name is acetate of lime.

⁷ An antibiotic used to treat bacterial infections of the urinary tract, side effects include skin rash or itching, difficulty breathing and a general feeling of discomfort.

⁸ Urea, also called carbamide, the diamide of carbonic acid. Important use as fertilizer and feed supplement, as well as starting material for the manufacture of plastics and drugs.











ANE GRAFF

15. *The Goblets (Chronic Fatigue, Dementia, Major Depressive Disorder, Inflammation-Induced Anorexia, Post-traumatic Stress Disorder, Obsessive-Compulsive Disorder & Generalised Anxiety Disorder)*



Variable dimensions

Installation view at Kunstinstituut Melly, Rotterdam

THE GOBLETS (OBSESSIVE-COMPULSIVE DISORDER)

Epoxy resin cast of British colonial mahogany table (ca 1765) with glass goblet containing:

Lead, nickel, E102 Tartrazine, E172(i) black iron oxide, E172(ii) red iron oxide, E172(iii) yellow iron oxide, E180 Litholrubine BK, E123 Amaranth, E110 Sunset Yellow, E120 Carmine, E122 Azorubine, E133 Brilliant Blue FCF *from Rimmel Lasting Finish Lipstick 84 Amethyst Shimmer 288*;
polycyclic organic hydrocarbons, organophosphate flame-retardants, phthalates, benzothiazoles, musk compounds, plasticisers, lead, nickel, cadmium, arsenic, magnetite, and silica dust *from road and tunnel dust collected in Nordbytunnelen, Oslo, Norway*;
caffeine, sugar, hydrogenated coconut oil, corn syrup solids, dipotassium phosphate, mono- and diglycerides, sodium silicoaluminate, artificial flavouring, modified whey, dry sweet whey, fillers, caffeine, polyphenols, phytoestrogens, diterpenes, acrylamide, pesticide-, herbicide- and insecticide residue *from Folgers Cappuccino Instant Coffee*;
methylphenidate from Ritalin oral tablets, a medication used to treat attention deficit hyperactivity disorder;
arsenic, lead, mercury, nickel, E172(i) black iron oxide, E172(ii) red iron oxide, E172(iii) yellow iron oxide, CI 77742 Manganese Violet, E120 Carmine, E133 Brilliant Blue FCF *from Rimmel Powder Blush 32 in Plum 7296*;
ethinyl estradiol and drospirenone *from Yasmin 28 Oral contraceptive pill*;
urea *from Garden Direct Urea (46% N)*.

THE GOBLETS (INFLAMMATION-INDUCED ANOREXIA)

Epoxy resin cast of British colonial mahogany table (ca 1730) with glass goblet containing:

Dimethylformamide (DMF) polar (hydrophilic) aprotic solvent *from Eastman*; dicamba *from Banvel 4S (W3) broad-spectrum herbicide for weed control in corn, cotton, sorghum, soybean, small grains, pasture, hay, rangeland, general farmstead, fallow, sugarcane, asparagus, turf and grass*;
deoxynivalenol (DON) mycotoxin levels over 1-ppm *from wheat flour infected by Fusarium head blight (FNB) or scab*;
cobalt *from metal-on-polyethylene prosthesis or metal-on-metal prosthesis from joint replacement devices (prosthetic cobaltism)*;
bosentan *from Tracleer (Bosentan) Oral tablets, an endothelin receptor antagonist used to treat pulmonary arterial hypertension (PAH)*;
corn syrup, sugar, sorbitol, modified corn starch, E129 allura red, E110 Sunset Yellow, sodium benzoate, and potassium sorbate *from Wilton Icing Color in Red & Orange*;
urea *from Garden Direct Urea (46% N)*.

THE GOBLETS (MYALGIC ENCEPHALOMYELITIS/CHRONIC FATIGUE SYNDROME)

Epoxy resin cast of British colonial mahogany table (ca 1790) with glass goblet containing:

Mercury, cadmium, copper, zinc, lead, nickel, chromium, antimony, iron, mangan, vanadoim, aluminium, lithium and tin *from mussels (Mytilus edulis) from the Poland coast of Baltic Sea*;
arginine, phytic acid, poly-unsaturated fats (PUFAs), pesticide residue (possibly glyphosate, propylene oxide (PPO), Ziram, Oryzalin, glyphosate, paraquat dichloride, CheckMate and clarified hydrochloric extract), insecticides, fungicides, treated fracking waste water, and privatised Californian water supply *from Wonderful Almonds Natural*;
nicotine, humectant E 1520, sodium ions, chloride ions, sodium carbonate *from Swedish match G.3 Sparkling White Dry snuff*;
loratadine from Claritin antihistamine medication;
dieldrin organochloric pesticide (OCP) from Hortico 2% Dieldrin Dust;
E102 Tartrazine, CI 45410/ Acid Red 92, CI 15850/ D&C Red No. 6 barium or 7 calcium Lake, malic acid, aluminium powder, dimethicone, phenoxyethanol, talc *from Too Faced Fruit Cocktail Blush Duo in StrobeBerry*;
urea *from Garden Direct Urea (46% N)*.

THE GOBLETS (DEMENTIA)

Epoxy resin cast of British colonial rosewood table (ca 1850) with glass goblet containing:

Ammonia, arsenic, benzene, butane, cadmium, carbon monoxide, formaldehyde, hexamine, lead, naphthalene, methanol, nicotine, tar, toluene, lead, silica dust, polycyclic aromatic hydrocarbons, sugars (sucrose and/or invert sugar and/or high fructose corn syrup), natural and artificial flavouring from Marlboro Red Label 100's cigarettes; polycyclic organic hydrocarbons, organophosphate flame-retardants, phthalates, benzothiazoles, musk compounds, plasticisers, lead, nickel, cadmium, arsenic, magnetite, and silica dust *from road and tunnel dust collected in Nordbytunnelen, Oslo, Norway*;
azithromycin (as monohydrate) *from Azithromycin Oral broad spectrum macrolide antibiotic*;
partially hydrogenated soybean oil, artificial butter flavouring/ diacetyl/2,3-pentanedione, natural butter flavouring, perfluoroalkyls, perfluorooctanoic acid (PFOA), and perfluorooctane sulphonate (PFOS) *from Cousin Willie's Buttery Explosion Microwave Popcorn*;
talc, silica, dimethicone, cetyl dimethicone, titanium dioxide/CI 77891 *from Clairol Root Touch-Up - Just The Red Shades*;
E110 Sunset Yellow, E133 Brilliant Blue, E102 Tartrazine, CI 45410/Acid Red 92, CI 15850/D&C Red No. 6 barium or 7 calcium Lake, citronellol, benzyl cinnamate, CI 17200/Acid Red 33, CI 15510/Acid Orange 7, benzyl benzoate, tocopheryl acetate, hexyl cinnamal, BHT, and octinoxate *from Revlon Moon Drops Lipstick - Crème Lipstick, Hot Coral (2014 formulation)*;
urea *from Garden Direct Urea (46% N)*.

THE GOBLETS (POST-TRAUMATIC STRESS DISORDER)

Epoxy resin cast of British colonial mahogany table (ca 1740) with glass goblet containing:

Crushed diorite and granitic gneiss from a rainstorm induced series of debris flows (landslides) in Veikledalen, Norway, 2011, an event causing damage to property, animals and humans;
maltodextrin, sorbitol, aspartame, E102 Tartrazine, E110 Sunset Yellow, aspartame, acesulfame potassium, sugar phenylketoneurics (contains phenylalanine) from Starburst Singles To Go Powdered Drink Mix, All Pink Strawberry;
pyridostigmine bromide (PB) from Pyridostigmine Bromide Oral, a medication used to improve muscle strength in patients with certain muscle disease, but also in the 1990-1991 Persian Gulf War for protection of troops against organophosphorous nerve agent exposures;
polycyclic organic hydrocarbons, organophosphate flame-retardants, phthalates, benzothiazoles, musk compounds, plasticisers, lead, nickel, cadmium, arsenic, magnetite, and silica dust from road and tunnel dust collected in Nordbytunnelen, Oslo, Norway;
radioactive cesium-137 in lichen from Børggefjell, Norway, originating from the Chernobyl disaster April 26th 1986 in the Ukrainian SSR;
chlorinated dibenzo-p-dioxins (CDDs), polychlorinated dibenzofurans (PCDFs), polychlorinated biphenyls (PCBs), nitrogen oxides, volatile organic chemicals (VOCs) and polycyclic organic matter (POMs) from dust and ash-laden runoff from electrical and electronics waste fire in Re waste facility, Norway;
urea from Garden Direct Urea (46% N).

THE GOBLETS (GENERALISED ANXIETY DISORDER)

Epoxy resin cast of British colonial mahogany table (ca 1815) with glass goblet containing:

Soot from burnt cars collected at the May 2013 Stockholm riots in Husby, northern Stockholm, Sweden, an event causing damage to property and humans;
light aromatic hydrocarbons, benzene, solvent naphtha, and petroleum distillate from Sunnyside T.R.P.S (Turpentine Replacement Paint Thinner);
E1520 Propylene Glycol, E129 Allura Red, E415 Xanthan Gum, ethyl alcohol, hydrogenated soya bean oil, E133 Brilliant Blue FCF, natural and artificial flavour enhancers from LorAnn Red Velvet Bakery Emulsion;
cadmium, copper, zinc, carbofuran, and lindane from Hexaplex trunculus shell collected in Bizerta lagoon, Tunisia;
polycyclic organic hydrocarbons, organophosphate flame-retardants, phthalates, benzothiazoles, musk compounds, plasticisers, lead, nickel, cadmium, arsenic, magnetite, and silica dust from road and tunnel dust collected in Nordbytunnelen, Oslo, Norway;
albuterol sulphate from Proventil oral asthma medication;
urea from Garden Direct Urea (46% N).

ANE GRAFF

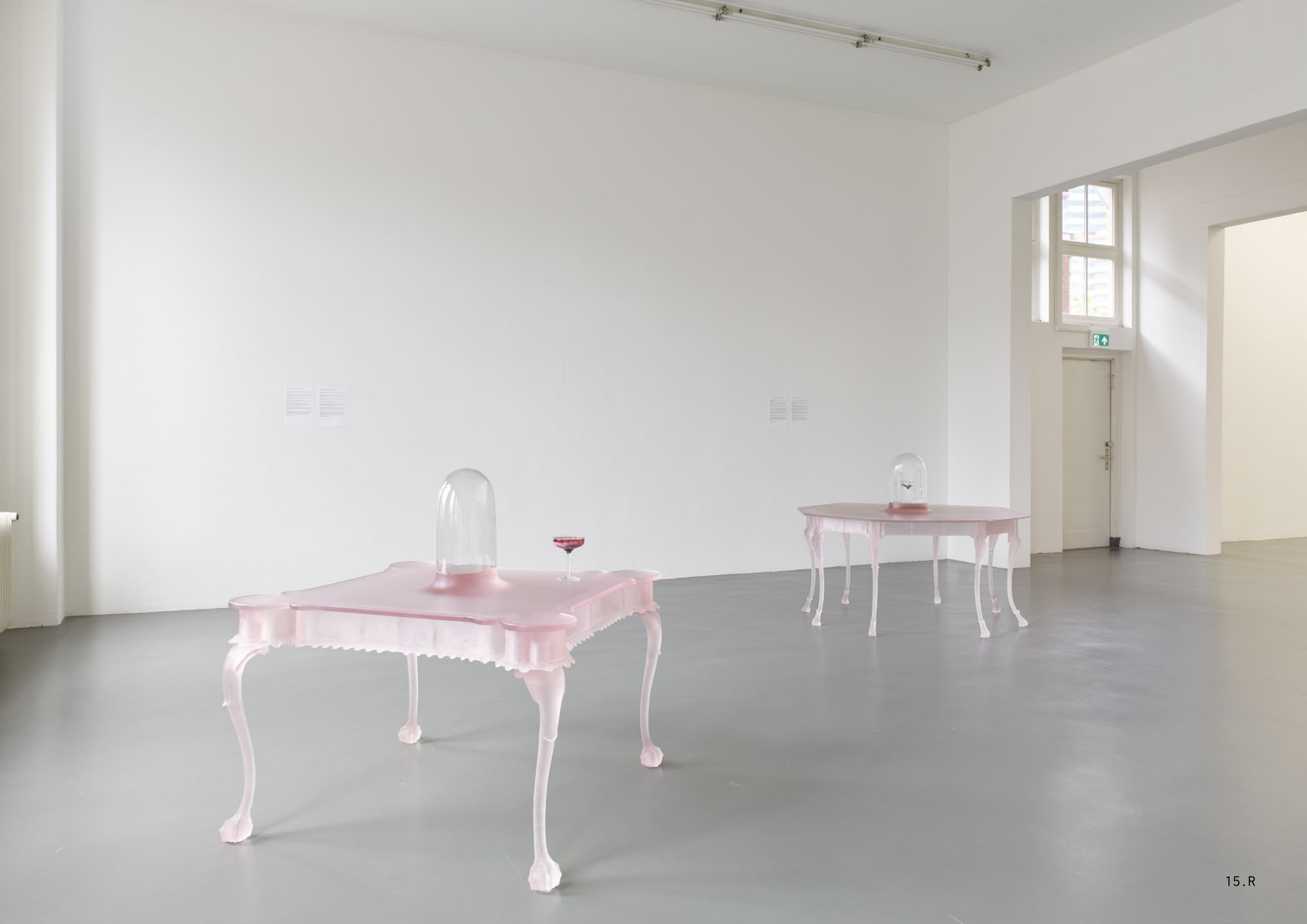
THE GOBLETS (MAJOR DEPRESSIVE DISORDER)

Epoxy resin cast of British colonial mahogany table (ca 1815) with glass goblet containing:

Powdered Dagens Næringsliv (Norwegian financial newspaper) from 02.10.08 with news of the Global Financial Crisis and the bankruptcy of the Lehman brothers September 15, 2008;
isotretinoin and sorbitan monooleate from Absorica isotretinoin capsules, a medication used to treat cystic acne;
mercury, lead, tin, arsenic and cadmium from the Mediterranean mussel (*Mytilus galloprovincialis*) bought in Andalusia, Southern Spain;
sugar, high-fructose corn syrup, hydrogenated palm kernel oil, modified corn starch, and E129 Allura Red from Think Pink, Breast Cancer Awareness Candy: Starburst All Pink Fruit Chews in Strawberry;
polycyclic organic hydrocarbons, organophosphate flame-retardants, phthalates, benzothiazoles, musk compounds, plasticisers, lead, nickel, cadmium, arsenic, magnetite, and silica dust from road and tunnel dust collected in Nordbytunnelen, Oslo, Norway;
E133 Brilliant Blue FCF, E102 Tartrazine, CI 15850/D&C Red No. 6 barium Lake, E129 Allura Red, CI 77000 aluminum powder, CI 77499 iron oxides, chromium hydroxide green, titanium dioxide, dimethicone, cyclopentasiloxane, ferric ferrocyanide, phenoxyethanol, and hexylene glycol from JD Glow Cosmetics Matte Shadow in Lava;
urea from Garden Direct Urea (46% N).

















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Two small, illegible white notices or labels are posted on the wall in the upper right quadrant of the image.





