



Academy of
Fine Arts

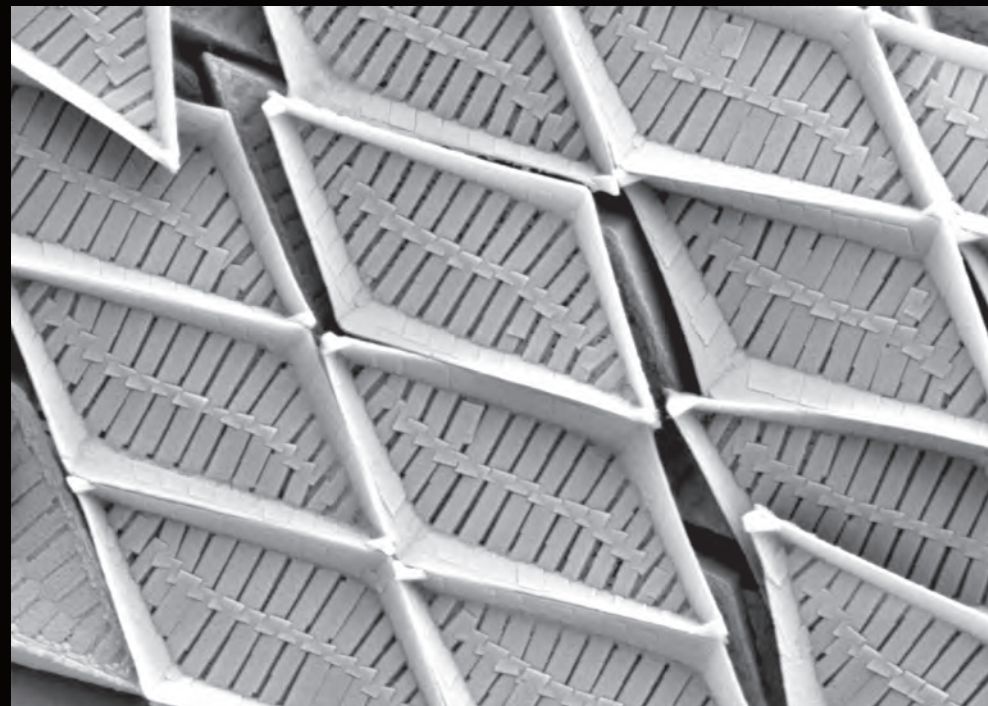


University of
Zagreb



Ljepota detalja, transformacija i struktura KOKOLITOFORIDI JADRANA

The Beauty in Detail, Transformation and Structure
ADRIATIC COCCOLITHOPHORES



Ljepota detalja, transformacija i struktura KOKOLITOFORIDI JADRANA

Izložba Ljepota detalja, transformacija i struktura – kokolitoforidi Jadrana u organizaciji Akademije likovnih umjetnosti Sveučilišta u Zagrebu i Hrvatskoga botaničkog društva sinergija je znanosti i umjetnosti, koja okuplja znanstvenike i umjetnike, profesore, studente i širu javnost, povezujući moderne tehnologije i razne umjetničke tehnike.

Izložene mikrofotografije kokolitoforida snimke su uzoraka koji su prikupljeni tijekom istraživanja fitoplanktona provedenih tijekom zime i ljeta 2013. godine u šibenskom akvatoriju i estuariju rijeke Krke (istočni Jadran). Istraživanje je bilo rezultat suradnje Sveučilišta

u Uppsali (Švedska), Sveučilišta u Oslu (Norveška), Prirodoslovno matematičkog fakulteta Sveučilišta u Zagrebu i Instituta Ruđer Bošković. Kokolitoforidi su prikupljeni postupkom filtracije i snimljeni uz pomoć skenirajućeg elektronskog mikroskopa pri povećanju i do 10 000 puta.

Te mikrofotografije i satelitske snimke fitoplanktona bile su inspiracija za studente Akademije likovnih umjetnosti Sveučilišta u Zagrebu, koji su ih obradili u umjetničkim tehnikama slikarstva, skulpture, grafike i stakla.

Sinergijom umjetnosti i znanosti znanstvenici dobivaju priliku pokazati ljepotu u detalju nevidljivom prostim okom, dok se likovnim umjetnicima pruža pogled na novu dimenziju života koja se manifestira u savršenstvu prirodnih oblika i struktura.

Promatranje prirodnog okoliša dovelo je do prvoga impulsa za razvoj likovnoga jezika i kreativnosti. Kokolitoforidi prikazani na ovoj izložbi ponovno su pokazali svu čaroliju prirodnih struktura, koje neizmjereno utječu na razvoj umjetničkog izričaja.



The Beauty in Detail, Transformation and Structure ADRIATIC COCCOLITHOPHORES

The exhibition “The Beauty in Detail, Transformation and Structure – Adriatic Coccolithophores”, organised by the Academy of Fine Arts, University of Zagreb, and the Croatian Botanical Society is a synergy between science and art that brings together scientists and artists, professors and students, modern technology and various artistic techniques.

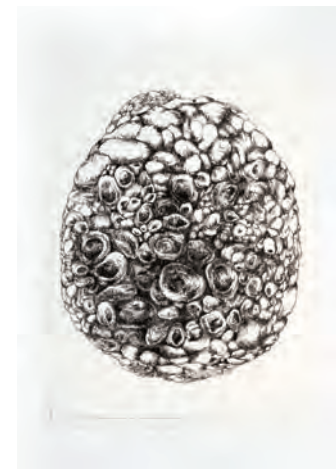
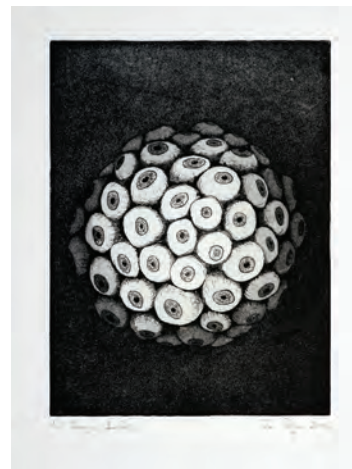
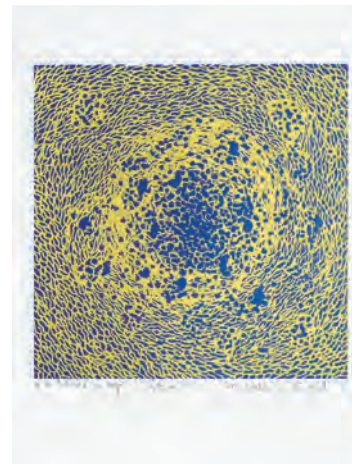
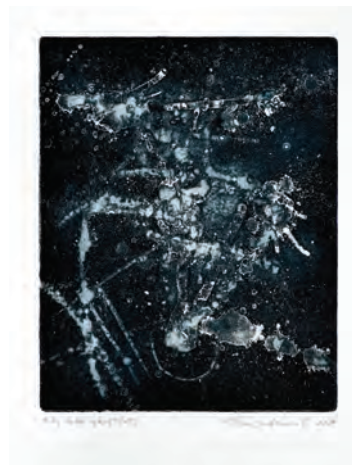
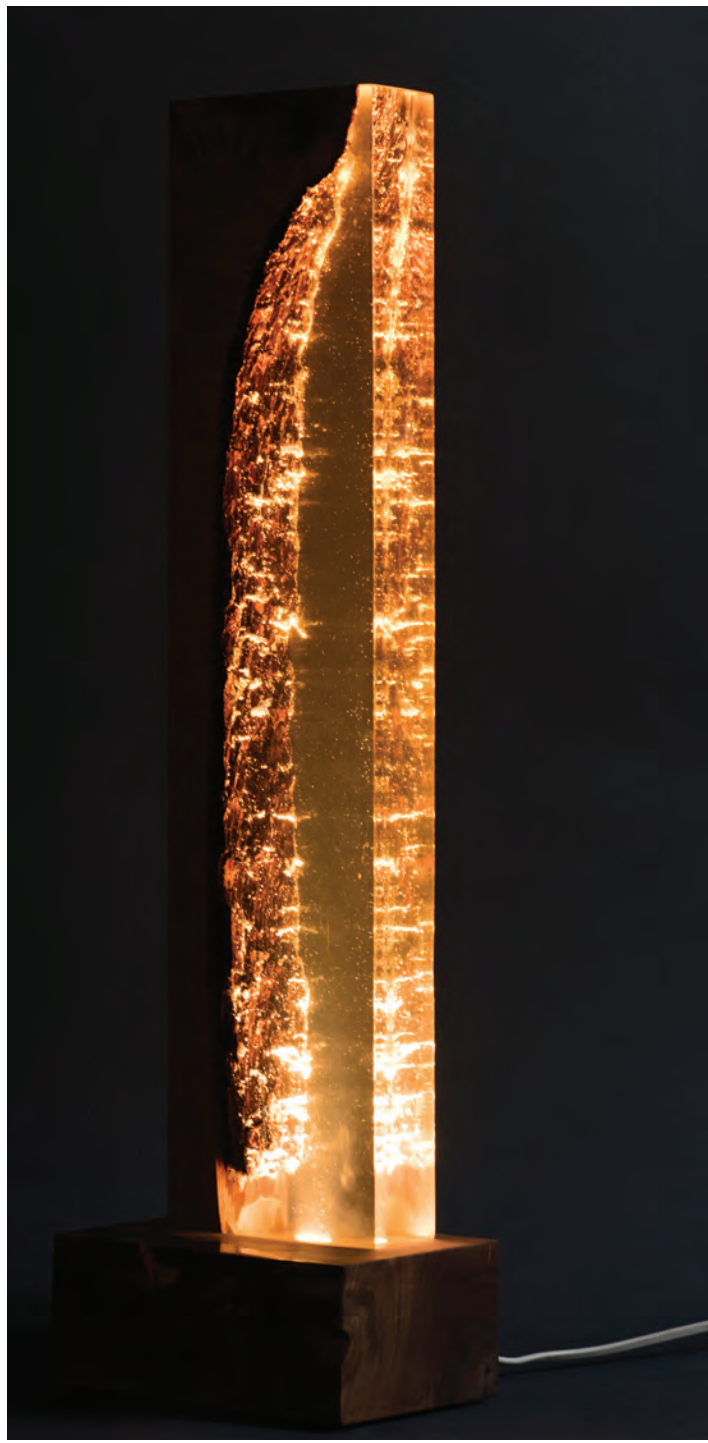
The scanning electron microphotographs of coccolithophore cells that are exhibited were taken from samples collected in a study which was carried out in the winter and summer of 2013 in the Šibenik aquatorium and the River Krka Estuary, eastern Adriatic Sea. The research is a co-operation between the Uppsala University, University of Oslo, Faculty

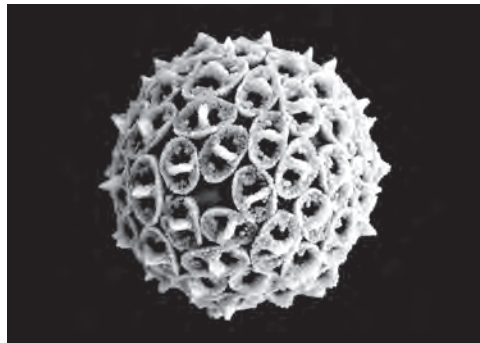
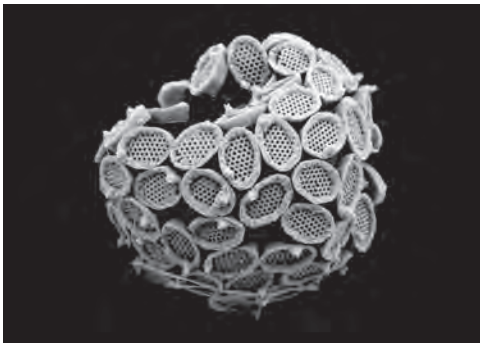
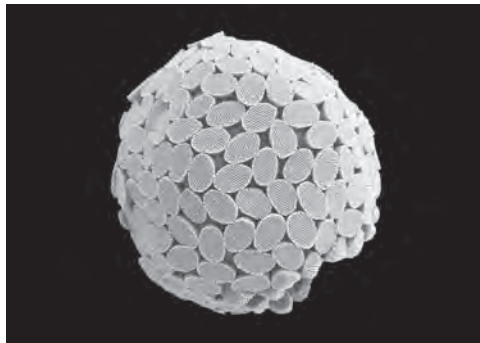
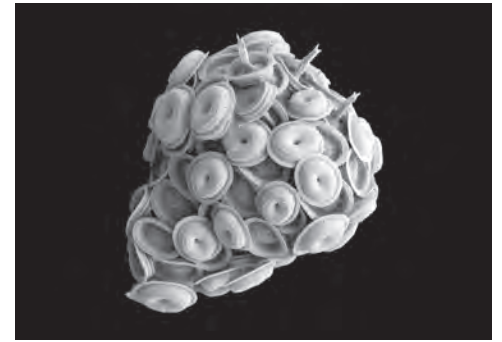
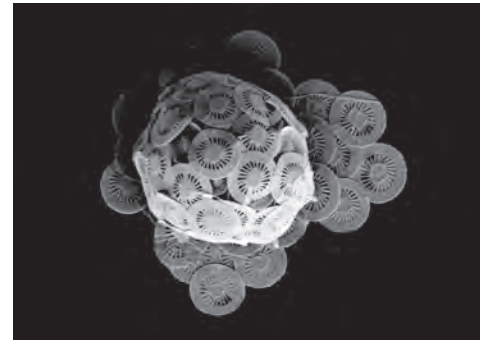
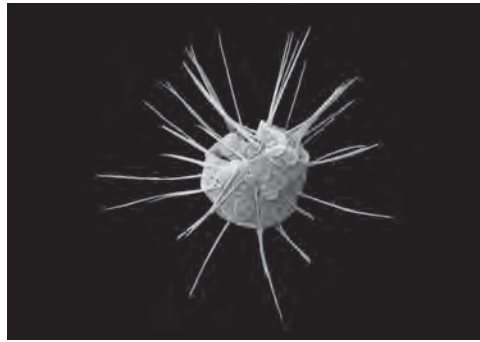
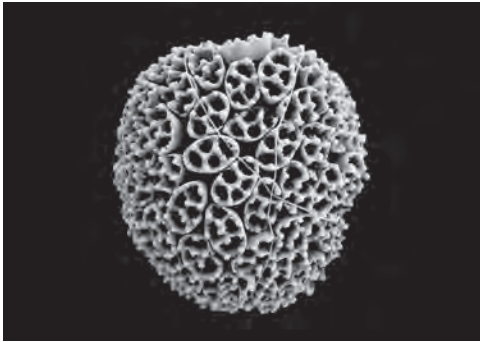
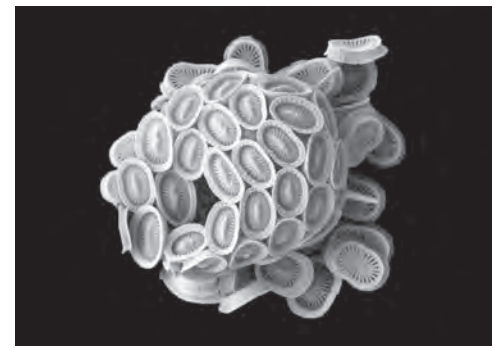
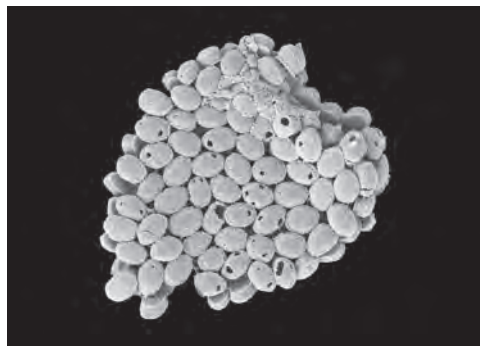
of Science University of Zagreb and Ruđer Bošković Institute. Coccolithophore cells were collected by a filtration method and recorded using a scanning electron microscope at magnification of up to 10,000 times.

These microphotographs and satellite images of phytoplankton blooms were the inspiration for Academy of Fine Arts University of Zagreb students in the art techniques of painting, sculpture, graphic and glass.

With the synergy of art and science, scientists are given the opportunity to reveal the beauty in details invisible to the human eye, while the artists get the opportunity to see the dimension of life manifested in the perfection of natural forms and structures.

It was observation of the natural environment that gave rise to the first impulse for the development of arts and creativity. The coccolithophore cells presented in this exhibition have once again shown some of the magnificent natural structures that fundamentally influence the development of artistic expression.





LIKOVNA KULTURA

Grafika

Mentor: doc.art. Igor Čabraja

Studentice:

Klara Burić, 2. god., BA
Sara Kudrić Smerke, 2. god., BA
Marija Prša, 3. god., BA
Ana Marija Kerošević, 3. god., BA
Tena Palijan, 3. god., BA
Laura Brcković, 3. god., BA
Ivana Marić, 3. god. BA
Bianka Garčević, 3.god. BA
Karla Damjana Radanović, 1. god., MA
Lora Elezović, 1.god., MA

Kiparstvo

Mentor: doc.dr.art. Ivan Fijolić

Studentice:

Adela Mesić, 1. god. , MA
Matea Šiprak, 1. god. , MA

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red.prof.art. Ines Krsić

Studenti/ce:

Josip Rončević, 3. god., slikarstvo
Elia Friganović, 2. god. preddipl., likovna kultura
Grgur Hajdić, 3. god., likovna kultura
Ivan Barun, 4. godina, slikarstvo
Lora Elezović, 1. godina, likovna kultura diplomski
Matija Meštrić, 2. godina, preddipl., likovna kultura
Saffron Perov, 2. godina, grafika

TEHNIKE I UMJETNOST STAKLA

Mentor: Izv.prof.art Anton Vrlčić

Studenti/ce:

Ana Marija Kerošević 3. god. BA Likovna kultura
Ana Marija Maravić, 3. god. BA, Kiparstvo
Lucija Žuti, 3. god. BA, Grafika
Ante Pereza, 3. god. OKIRU

Matija Plavšić, 3. god. Kiparstvo
Luka Kušević Radaković, mag. Slikarstvo
Izv.prof.art Danko Friščić

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