MEETING AN OLD FRIEND

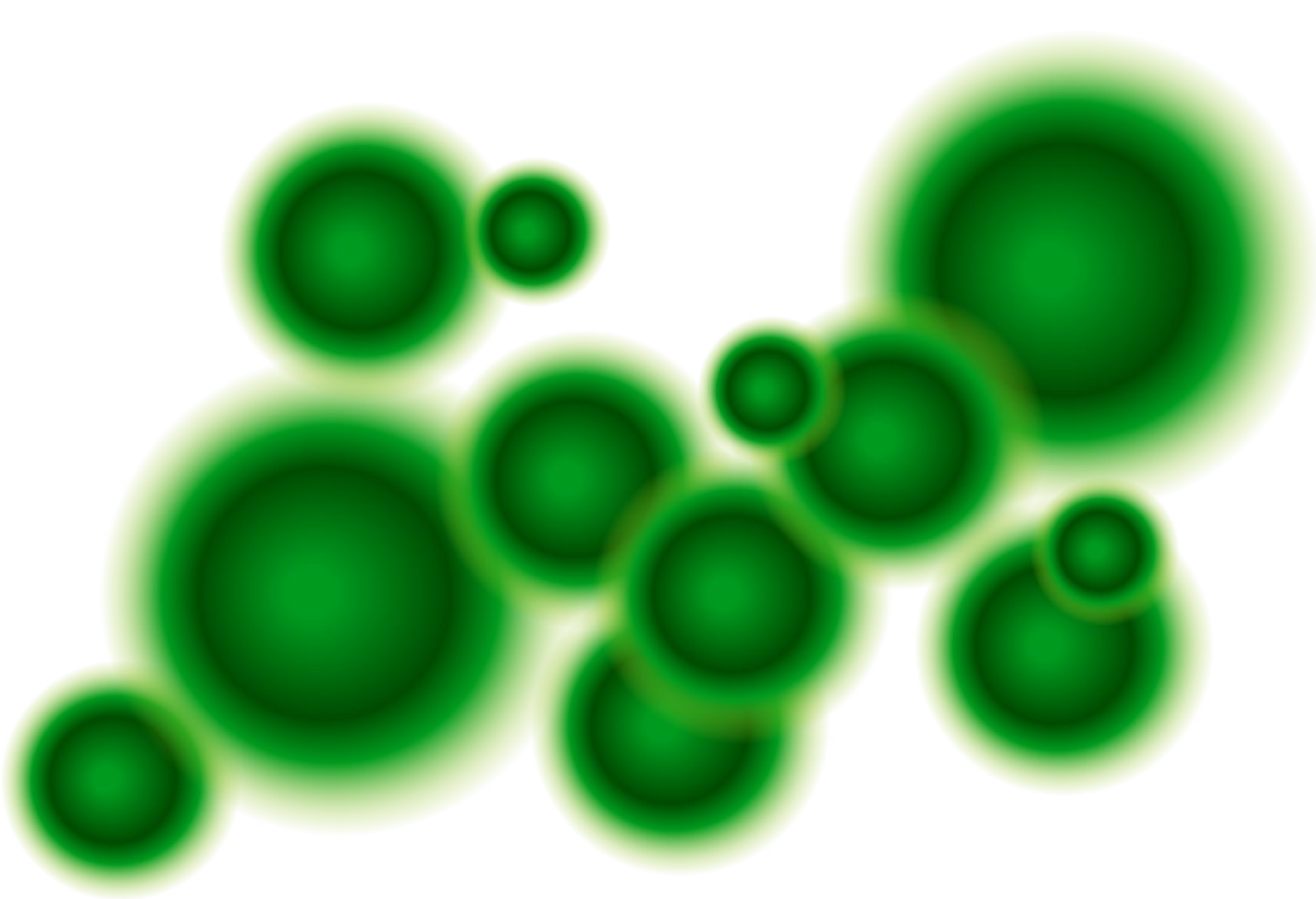
EVERYONE IS AWARE OF ALGAE, BUT
VERY FEW KNOW THEM
— BE ONE OF THE FEW.

NOSTOC—ALGAE

NOSTOC BELONGS TO THE CYANOBACTERIA, ALSO KNOWN AS BLUE—GREEN ALGAE.

Nostoc belongs to the cyanobÇ acteria, also known as blue-green algae. Cyanobacteria are photosynthetic bacteria that are often referred to as algae because of their green to blue color.
Blue-green algae are known for their ability to fix nitrogen from the air and be able to survive in extreme environments such as deserts, mountains and polar regions.

But this Alge is so much more than just an excelent survivalist. It



A CLOSER LOOK

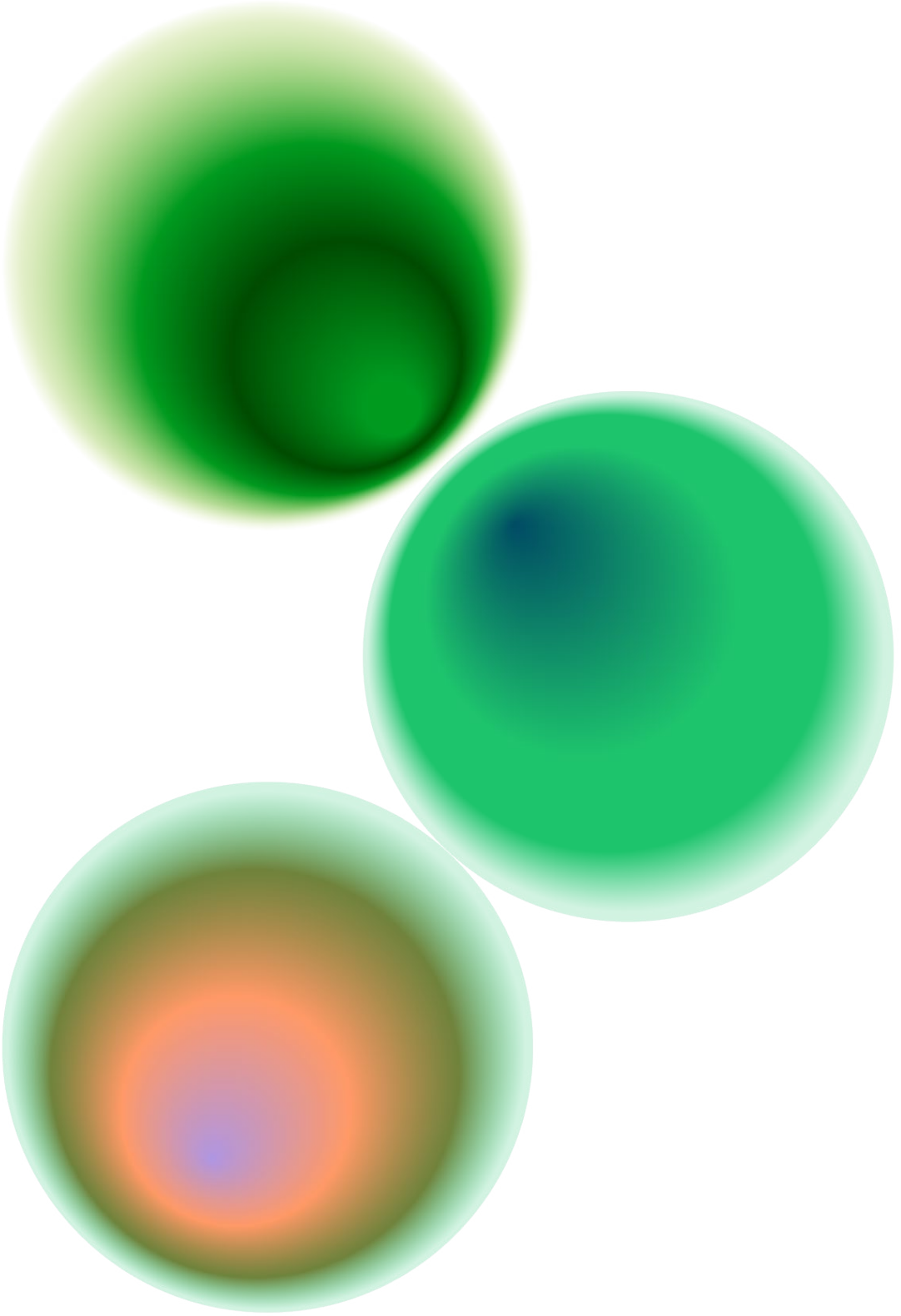
THERE ARE SMALL INDIVIDUALS HIDING INSIDE THE MASS WE KNOW AS ALGE

If you look closely, you will discover in the large green clump, which you perceive as an alga, an enormous number of small creatures, which move, merge, regroup and have an individual appearance.
They overlap, each creature looks like a pearl, whose green color changes in various shades depending on the light.

ALL THE COLOURS

THE COLORS OF THE INDIVIDUAL CREATURES DIFFER.

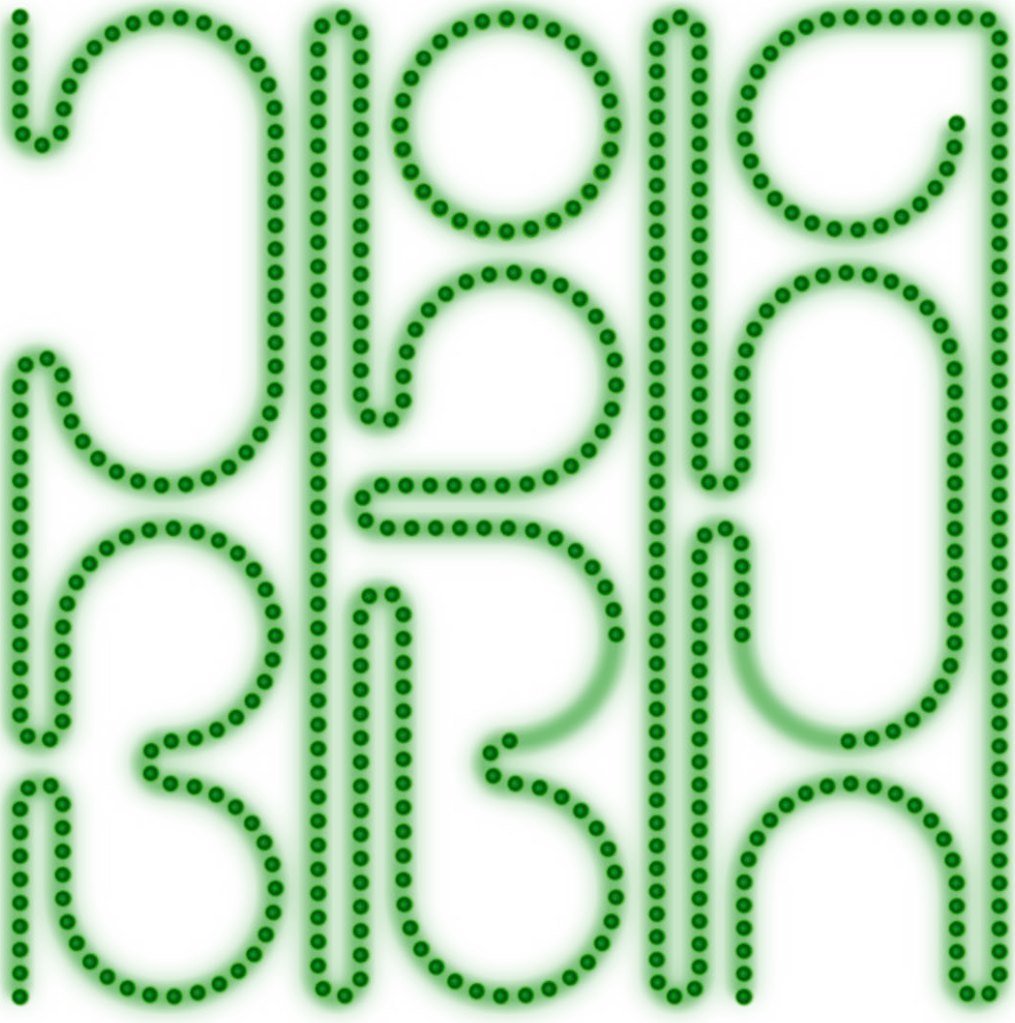
As I learned, the colors are relaÇ ted to the condition of the alga. Is it stressed? What chemicals are in the water? What is the light like? Is it day or night? How warm is the water? How much oxygen does the algae have available? Many things influence its appeaÇ rance. The colors range from a rich green, to blue, to purple and red. The alga communicates with the observer.

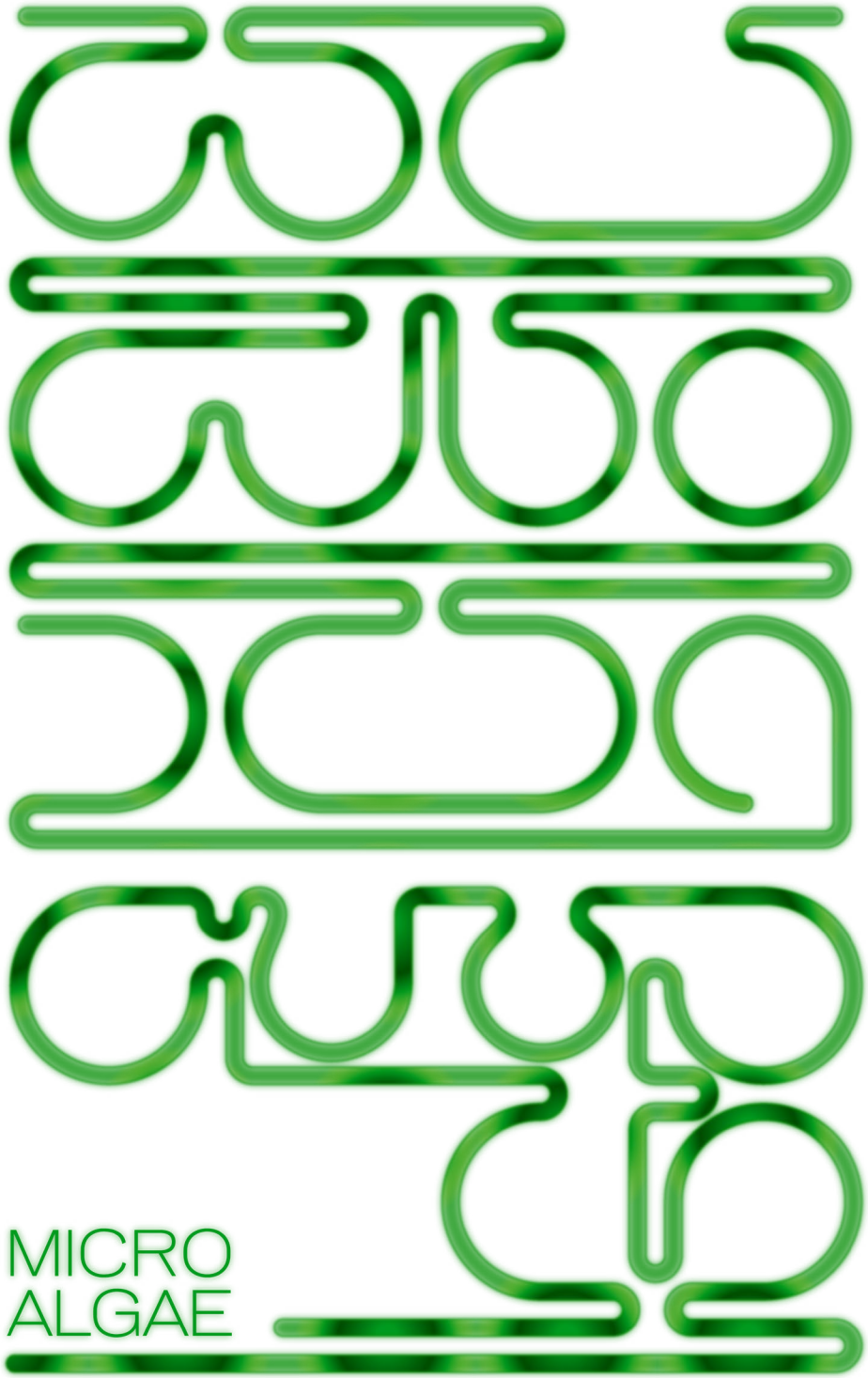


BONDING

IN CONSISTENTLY NEW FORMING GROUPS SPECIAL FORMS CAN BE FOUND

The algae enter into relationships with each other, grouping themselves into stringy formations and moving through the water with this group.
Some strands curl, some float in long rods through the water. If the connections are disturbed, new groups form after some time. New shapes can always be discovered in the structures.




MICRO
ALGAE