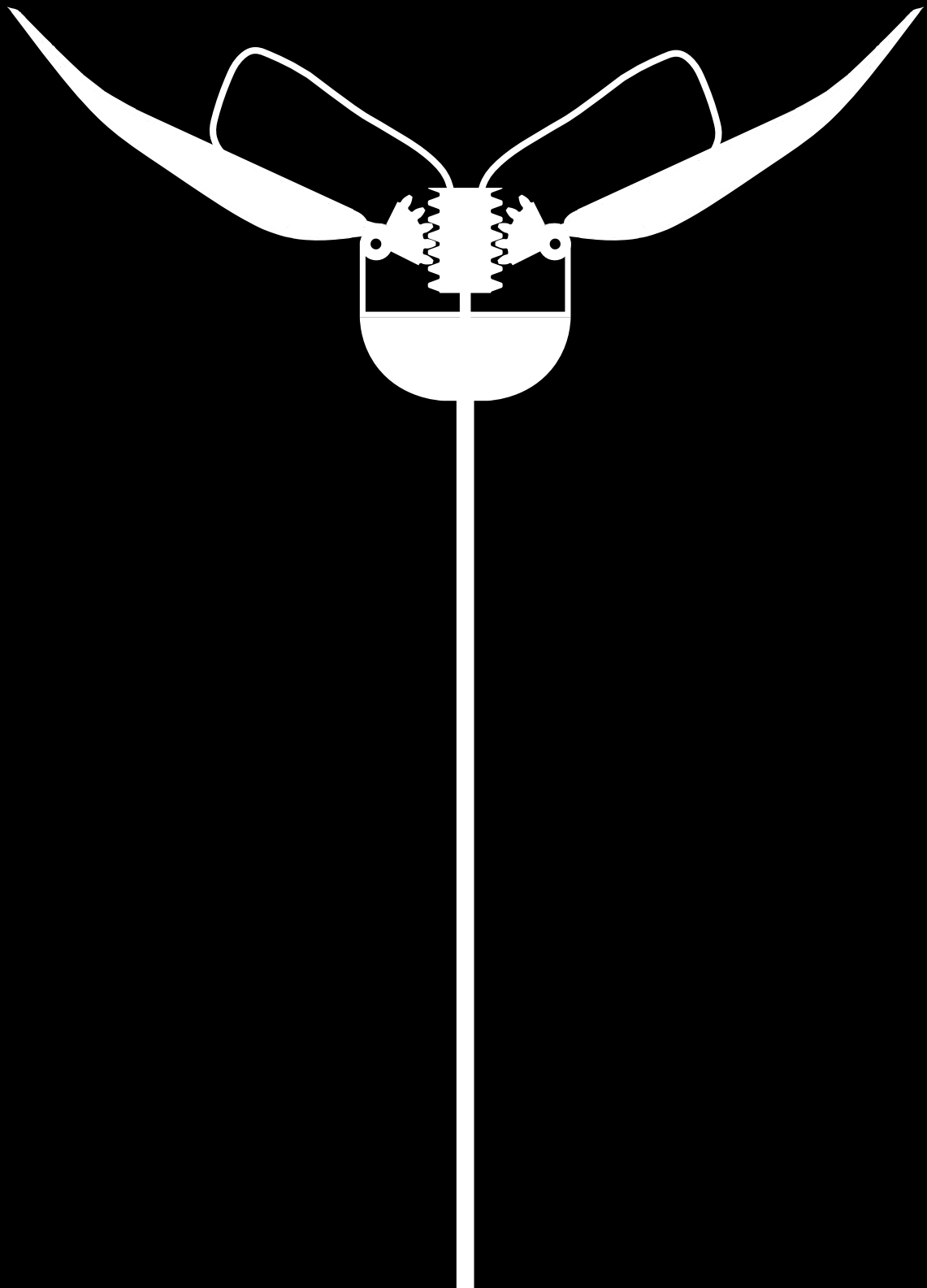


STROMBLÜTE



PROJECT SUMMARY

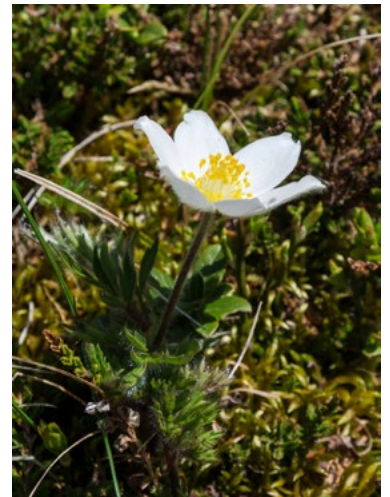
STROMBLÜTE is a cross-thematic media art exhibition that combines art, species conservation and electronics.

We all know about gorillas, elephants, polar bears, sharks and many other endangered species on this planet. Most of us also know that countless insects, fish and birds are on the Red List. However, the majority of these lists are made up of other, mostly unknown species. These include many plant species that are threatened not only by the climate crisis, but also to a large extent by changes to the landscape caused by humans.

To name just one example:

The Brockenanemone - also known as the devil's beard - is a flower that can only be found in the wild on the highest mountain in the Harz Mountains of Germany - the Brocken. As a species, the Brockenanemone was particularly endangered by the inner-German border. Large areas of the mountain were heavily utilised by the military between 1961 and 1989. But even today there are still other threats to the native flora. Over-fertilisation and environmental pollution are increasingly leading to acidic, nutrient-rich rain, which facilitates the growth of many grasses that displace the Brockenanemone.

The Brockenanemone is one of the flagship plants for the „Bund für Umwelt und Naturschutz (BUND e. V.)“, but it is only one of many endangered species. It is joined by many plants all around the planet. The giant panda is far better known than any of the plants on the various lists, although it is no longer even on the IUCN Red List of extremely endangered species.



To draw attention to the endangered plants of our planet and especially to those 'right on our doorstep', I try to immortalize these species in an audiovisual installation. To do this, I built electronic models of different plants - the STROMBLÜTEN. This resulted in 21 small microcontroller-operated prototypes, which I extended to over 60 specimen in early 2025. These electric robot flowers can open and close their illuminated petals. The installation is accompanied by my own musical compositions. The exhibition thus becomes both a mechanised spectacle and an interactive sound art experience.

For FILE-festival I will modify these electric flowers to embody not only the current three european species, but to show a variety of endangered tropical plants from Brazil and the Amazon Forrest.



TECHNICAL RIDER

EXHIBITION LOCATION:

The 60 flowers can be placed in an area of 40-80 square metres.

They need a dark and silent place to showcase the calm, concentrated as well as mystical component. The STROMBLÜTEN look best in the dark. Under good weather conditions the flowers can also be placed outside.

EXHIBITION DURATION:

The flowers are battery-operated. They usually last up to 6 hours, but can also be recharged in the meantime. An operating time of 2-4 hours per day would be desirable.

OTHER TECHNICAL REQUIREMENTS:

The flowers are controlled by a laptop. Music is also played. I therefore need at least one power socket and a place to safely store charging and exhibition materials.. If available, I would use loudspeakers on site in order to have to transport less material. The flowers are controlled by Ableton Live and a custom Server Component. The musical composition can also be controlled manually.

TRANSPORT:

The flowers are stored safely in 6 Euro Crates (60 x 40 x 12 cm) as well as a bigger crate for additional equipment (60 x 40 x 32 cm), which would have to be shipped to the location.

In addition to myself I would bring my partner with me to help me set up and help me manage the exhibition.

