

# MAKE & KEEP

## NA WATER and CATION FILTER – Condition the water suitable for aquatic plant growth and long-term management.

ADA NATURE AQUARIUM

### NA WATER

NA WATER + CATION FILTER



Two NA WATER, installed in the back of the 7m wide tank, were interlinked for corresponding with high amount of water-change; one is loaded with a sediment pre-filter, and a carbon filter, and the other with two Cation Filters.

\*Picture shows an old model of NA WATER.

#### Why growth of Glossostigma so slow? Tap water condition was the key factor.

Sumida Aquarium's 7m wide tank with a title "Grassland and stone landscape" has been long maintained for 6 years since opening of the Aquarium. Glossostigma, forming the grassland, is a standard undergrowth plant of the Nature Aquarium, but its slow growth rate was a source of anxiety for ADA aquarium maintenance staff. There are many factors involved in deciding the growth rate of aquatic plants; nutrient condition in substrate, lighting, and CO2 concentration in the water, for example. Glossostigma, especially, grows slowly in high TH (Total Hardness) level. Normal tap water has been used for the aquarium, but its total hardness level was always unstable. It showed TH: 20-50mg/L time to time, but sometimes reached over TH: 100mg/L.

So we decided to install CATION FILTER, which has an effect of lowering Total Hardness level.

Then TH level was controlled below 20mg/L and the condition of Glossostigma got improved significantly. If you live in area with high Total Hardness level, try ADA's Cation Filter!

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From a small nano-tank to supersized tank; Nature Aquarium aquascapes are produced in various sizes of aquarium tanks. Remaking of a large-size aquarium is not so easy, and long-term management is a precondition for success in making a large-size aquarium. In this issue, we deal with the 7m wide, long-maintained aquarium, "Grassland and Stone landscape" in SUMIDA AQUARIUM to showcase a typical supersized aquarium.



Cardinal Tetra is especially sensitive to changes in water condition. You can make water replacement free of anxiety, with NA WATER, loaded with Carbon Filter which removes residual chlorine.



Unzan Stone, a type of lava, used for "stone landscape," does not raise the total hardness level. So the growth of Glossostigma improves significantly just by lowering the total hardness level of tap water.