

Pogostemon erectus	Pogostemon erectus	Nymphoides 'Taiwan'	Heteranthera zosterifolia	Heteranthera zosterifolia	Nymphoides 'Taiwan'	Nymphoides 'Taiwan'
Pogostemon erectus	Pogostemon erectus	Nymphoides 'Taiwan'	Heteranthera zosterifolia	Rotala macrandra	Rotala macrandra	Rotala 'Bonsai'
Alternanthera reineckii 'Mini'	Alternanthera reineckii 'Mini'	Alternanthera reineckii 'Mini'	Rotala 'Bonsai'	Rotala macrandra	Rotala macrandra	Rotala 'Bonsai'
Heteranthera zosterifolia	Staurogyne repens	Staurogyne repens	Staurogyne repens	Rotala 'Bonsai'	Rotala 'Bonsai'	Helanthium tenellum
Marsilea hirsuta	Marsilea hirsuta	Marsilea hirsuta	Eleocharis 'mini'	Eleocharis 'mini'	Helanthium tenellum	Helanthium tenellum



by Ian Holdich

Technique

Aquarium:	TMC
Volume:	83 L
Light:	TMC ultima led tile
Substrate:	Tropica substrate
Gravel:	Aquasoil
Filter:	External Eheim 2073
CO2:	25-30 mg/L
Fertiliser (weekly):	Premium Fertiliser 65 ml + Specialised 50 ml
Maintenance (hours per week):	½-1

This aquascape/aquarium was inspired by the classic Dutch themed aquariums. Although it doesn't conform to many of the rules of the Dutch method of aquascaping, it shows how 1-2 grow plants can be used to good effect without using any hardscape. It was interesting to see how the 1-2 grow plants performed in an aquarium without any classic potted species of plants. The different textures and colours of the 1-2 grow plants were very striking as you walked into the room. The fish health and water quality was tremendous due to the high plant mass.

The Aquarium was trimmed about 5-6 times in total, and was very easy to look after. It looked after itself after the initial set up. In the first 2 weeks the water was changed at 40% everyday with pure reverse osmosis water. I used Tropica Specialised and Tropica Premium fertiliser on alternate days. Five pumps of each. It was used in conjunction with aquasoil. After 2 weeks the water change was 20% every 3 days. After 45 days this was dropped to one water change a week. CO2 was used at 1-2 bubbles per second.

Note: Ammania bonsai has since been determined to be Rotala 'bonsai'. Nymphoides 'Taiwan' is now only produced in pot.

Plants used in this layout

) Pogostemon erectus	(053F)	4 pcs.
) Nymphoides hydrophylla 'Taiwan'	(041B)	4 pcs.
) Heteranthera zosterifolia	(096 TC)	3 pcs.
) Rotala macrandra	(032 TC)	4 pcs.
) Rotala indica 'Bonsai'	(033E TC)	5 pcs.
) Alternanthera reineckii 'Mini'	(023C TC)	3 pcs.
) Marsilea hirsuta	(010 TC)	4 pcs.
) Staurogyne repens	(049G)	3 pcs.
)	()	3 pcs.
) Eleocharis acicularis 'Mini'	(132B TC)	2 pcs.
) Helanthium tenellum 'Green'	(067A TC)	3 pcs.