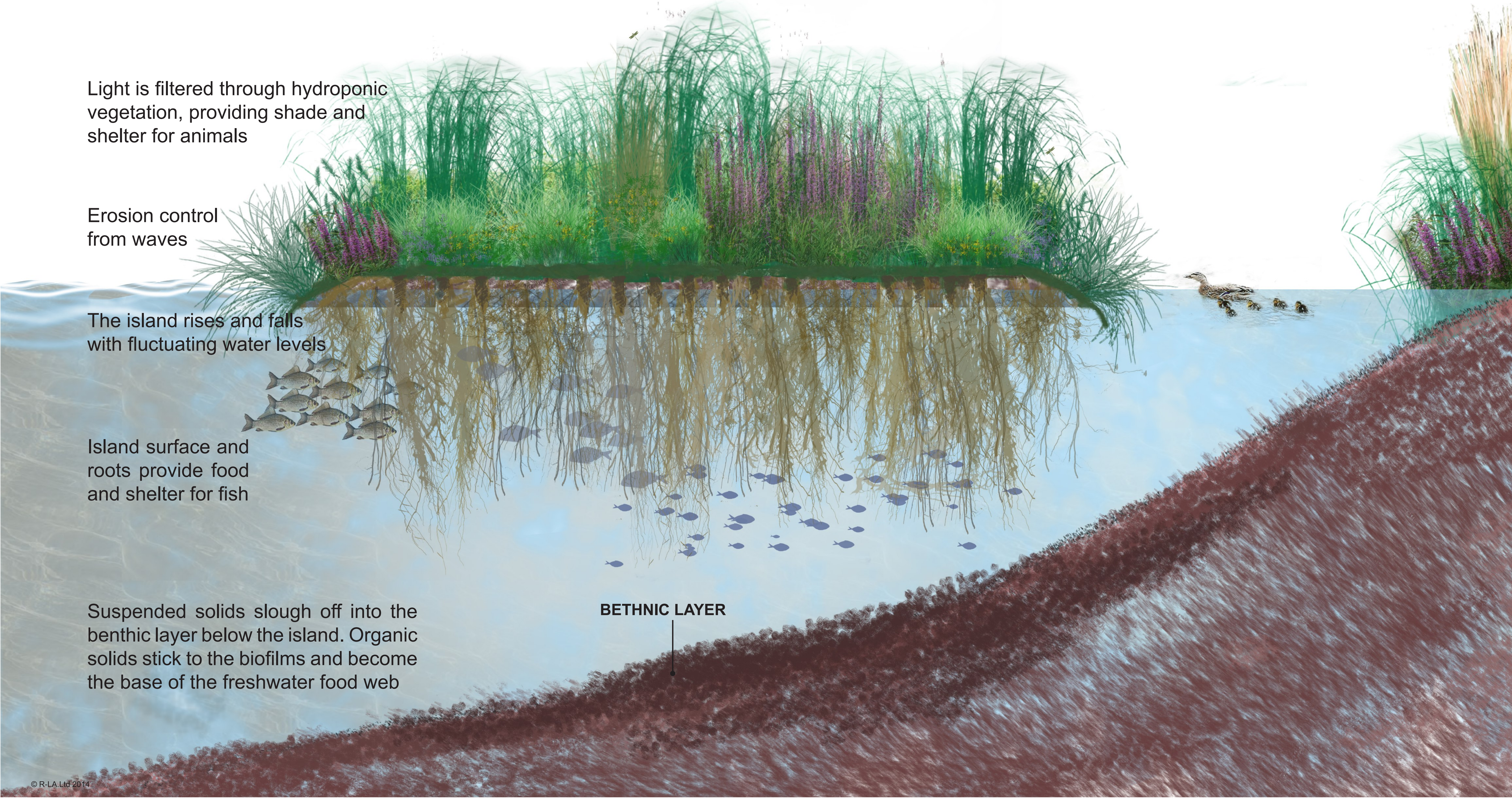


BioHaven Floating Wetlands

Cleaner Water & Healthier Ecosystems



Light is filtered through hydroponic vegetation, providing shade and shelter for animals

Erosion control from waves

The island rises and falls with fluctuating water levels

Island surface and roots provide food and shelter for fish

Suspended solids slough off into the benthic layer below the island. Organic solids stick to the biofilms and become the base of the freshwater food web

BETHNIC LAYER

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‘Half of the world wetlands have disappeared since 1900’ (WWF 2014).

BioHaven is designed to mimic a natural wetland providing the same habitat and water treatment benefits of these highly valuable environments. The dense fibres and porous texture of the BioHaven form the perfect surface area for growing large amounts of microbes in the form of biofilm which consume nutrients and water-borne pollutants. Plant roots also act to filter pollutants and absorb nutrients.

