

Prionium serratum - Palmiet



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Masters

- Only species in family — dense stand 2m tall, colonial rhizome, sun
- Wetland species — acid, coarse sandy, nutrient poor river systems
- Trap sediments, creates peat — rhizomes bind soil, build up riverbeds
- Purify water, flood attenuation



Research

- *Biology* — how does it work, Function, recruitment strategy
- *Propagation* — seed, fire, vegetative
- *Wetland Restoration potential*
- *Bio-engineering Potential*



Study area - Restoration

Kromme River Catchment



Pilot Project - WfWet

- Testing the bio-engineering capability of Palmiet and effectiveness of planting, Best practice
- Its effectiveness for trapping sediments, Lifting water table and river channel re-building
- Water quality, after clearing, carbon.....







Thank you

