Prionium serratum -Palmiet



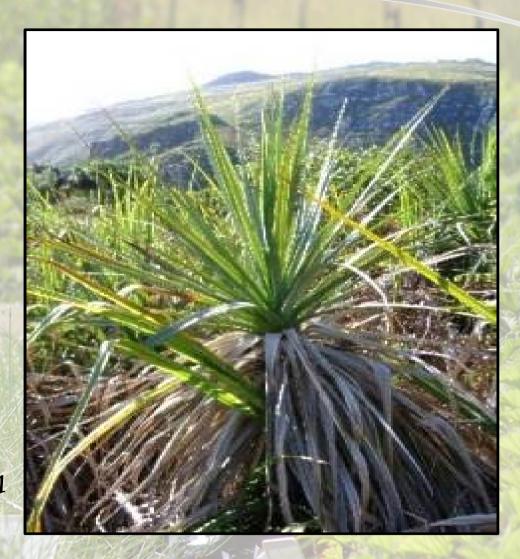




Prionium serratum -Palmiet

Masters

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





Research

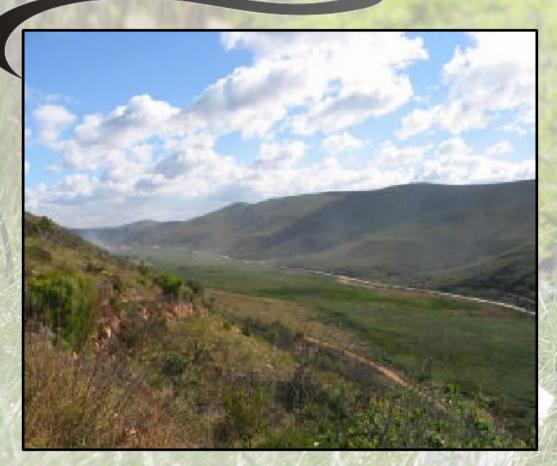
- → Biology how does it work, Function, recruitment strategy
- → Propagation seed, fire, vegetative
- Wetland Restoration potential
- → Bio-engineering Potential





Study area - Restoration

Kromme River Catchment





Pilot Project - WfWet

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





