**Black Spring organic mound spring community**

**TEC Description**

The community occurs in the East Kimberley. The known occurrence consists of a raised central mound supporting a forest of *Melaleuca viridiflora* (broadleaf paperbark), *Ficus* spp., *Timonius timon* and *Pandanus spiralis* (screwpine) over *Colocasia esculenta* (taro) and ferns, including *Cyclosorus interruptus* (swamp shield-fern). The tall *Phragmites karka* (tropical reed) dominates the outer edge of the mound and the entire mound is surrounded by a moat of water that supports sedges and grasses. The springs contain a rich assemblage of aquatic invertebrate fauna.

**Distribution**

Department of Biodiversity, Conservation and Attractions (DBCA) Region: Kimberley
DBCA District: East Kimberley
Local Government Authority: Shire of Wyndham-East Kimberley

**Habitat Requirements**

The community is dependent on maintenance of hydrological processes including continuous flow of freshwater seepages to support the peaty springs.

**Indigenous Interests**

An Aboriginal Sites Register is kept by the Department of Indigenous Affairs. Traditional owner group: Njarinjin.

**Conservation Status**

Listed as endangered under WA Minister Environmentally Sensitive Areas list in policy.

**Threatening Processes**

The major threats to the community are hydrological change, grazing and trampling by cattle and pigs, too frequent fire and weeds, including *Passiflora foetida* (stinking passion flower) and *Mangifera indica* L. (mango).
Recovery Plan

A recovery plan is recommended for the community. Priority recovery actions include mapping and control of high priority weeds, implementing an appropriate fire regime, investigating hydrological processes that support the community, and regular monitoring.

Citation


Key References


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