

INDUSTRY PLACEMENT PROJECT

Project title: Trial and monitoring of various revegetation methods for wetland restoration

Project background

The Sporting Shooters Association has owned an area of ~1200Ha south of Ipswich which encompasses Bundamba wetlands. The area is managed for conservation by the association and to that end significant restoration and revegetation is planned.

Although the area has been in severe drought for most of the last 10 years it is currently inhabited and visited by a very extensive range of bird species. Now that there has been significant rain and the wetland is beginning to refill it is time to trial and monitor new plantings (particularly sedges and grasses).

Project Description (Aim and objectives)

Purpose

The students involved in this project would be developing, trialing and monitoring a range of revegetation methods suitable for the establishment of large areas of sedges and grasses in and around the Bundamba wetlands. Students would trial a range of different planting methods on different plant species and monitor the impacts of the different methods. The report should include a full description of the methods, issues and problems encountered such that members of the Association could follow the methods and successfully revegetate the areas which remain at the conclusion of the project.

The report should also include evidence of +ive and -ive impacts from the wildlife and if needed recommendations to solve the problems (eg swans pulling up new plantings!)

Objectives

Prepare and trial revegetation /restoration plan for specific appropriate aquatic plant species.

Be able to identify both juvenile and adult plants

Prepare detailed planting methodology including site preparation, planting, plant protection and monitoring regimes.

Organisation details

Bundamba Wetlands- Partnership with Sporting Shooters Association (MORE DETAILS TO BE PROVIDED BY KAY)

Skills required of student

Plant identification skills

Analytical skills

Investigative skills

Assistance (Funding, transport, housing)

No accommodation is available on site but camping area would be made available

Students will need own transport

Need some sort of supervision- project manager will only be available for limited times.

Support for food and fuel to the value of \$150.00

Contact

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