

**CYNGOR CEFN GWLAD CYMRU
COUNTRYSIDE COUNCIL FOR WALES**

SITE OF SPECIAL SCIENTIFIC INTEREST CITATION

CONWY

LLYN TY'N Y LLYN

Date of Notification: 1963, 1983, 1990

National Grid Reference: SH845705

O.S. Maps: 1:50,000 Sheet number: 116
1:25,000 Sheet number: SH87

Site Area: 5.8 ha

Description:

Llyn Ty'n y Llyn is notified for its botanical interest as an example of an acidic/mesotrophic basin mire exhibiting a complete hydroseral succession from open water to climax vegetation.

The site has been subject to past impoundment, for a small dam forms part of its eastern boundary, when it was actively managed for its sporting interest, which no longer occurs. Hydroseral succession is now reducing the open water areas. The wetland vegetation proper consists of extensive lawns of bog mosses *Sphagnum spp.*, often forming a floating mat, with bottle sedge *Carex rostrata*, marsh cinquefoil *Potentilla palustris*, bog bean *Menyanthes trifoliata*, common cottongrass *Eriophorum angustifolium* and marsh pennywort *Hydrocotyle vulgaris*. Locally uncommon plant species include white sedge *Carex curta* whilst the moss *Sphagnum platyphyllum*, is rare in a regional context. On the southern margin, scrub encroachment particularly of grey willow *Salix cinerea ssp cinerea* and birch *Betula sp.* is occurring whilst more mature alder *Alnus glutinosa* carr occurs west of Ty'n y Llyn.

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