

ALGAL SURVEY

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J-6 Washington coast

cmu

A survey was made on the chain of lakes- Bellaire, Torch, Skegemog and Elk for the purpose of establishing a base line study of the nutrients flowing into the lakes. Algal samples were taken within a week after the ice had moved out of the lakes. To do this two small boats went along the shorelines with nets and either netted the algae or scraped it from rocks where ever it was found in what appeared to be growth areas. The purpose of the algae samples was to indicate nutrient sources. The data from five stations appears below.

FRN 4/25/71-5
East Torch
Ulothrix sp.
Microspora sp.

(19) FRN 4/23/71
West Bellaire 1/2 mile north of windmill
Ulothrix sp. Epiphytic on Typa latifolia
Sand bottom

(18) FRN 4/26/71
West Torch
White cabin with purple martin house 1/4 mile south
of Deep water point
Zygnema sp.
Ulothrix sp.
Microspora sp.

FRN 4/25/71-5
Northeast Elk
Ulothrix sp.

FRN 4/25/71-4
East Torch
Ulothrix sp.
Oscillatoria sp.
? Lot of iron

Need better locations
in some situations above.

Though some rather large growths of algae were found most were quite small or slight. It is significant though that these growths were even found since the ice had only left a few days before and should have removed or prevented any growth that had been there. Thus these growths were indicative of a good supply of nutrients to produce them in that short a time.

9.2