



TE RUAKANAKANA

Coordinates: 41° 47′ 57″ S174° 9′ 15″ E

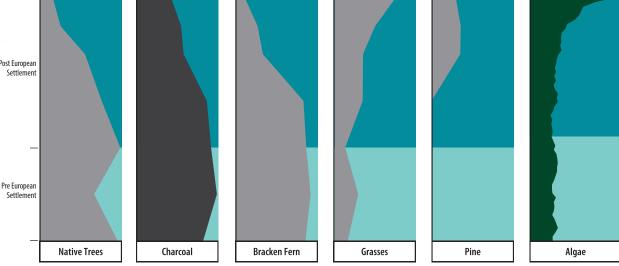
Te Ruakanakana, or Lake Elterwater, is a large shallow lake which has previously dried out completely in hot summers. The lake has been designated a wildlife refuge since

> (fire) and bracken fern, which is often associated with vegetation disturbance.

> Post European settlement native trees and ferns decreased steadily, as the landscape was changed to farmland (grasses) and exotic pine trees were planted in the region.

> Algae have always been present in the lake, but their levels have increased markedly in the last approximately 50 years.

POLLEN, CHARCOAL AND ALGAE LEVELS FOR THE PAST ~300 YEARS



This graphic indicates the changes in abundance of plants, charcoal and algae through time.