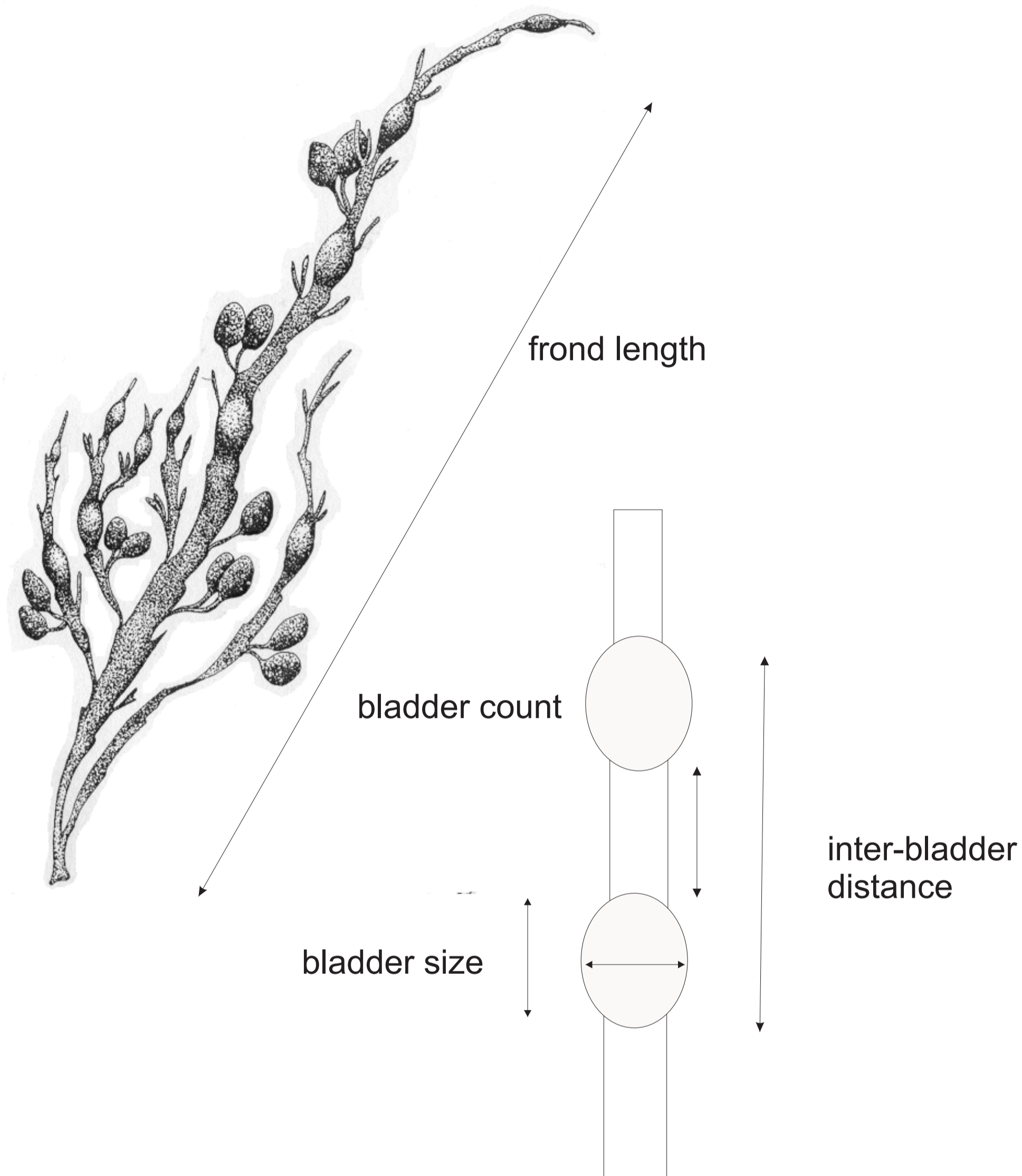


# Ascophyllum nodosum measurement options



Assume one bladder added to frond each year, therefore number of bladders on main frond will give indication of age. Bladder number and length can be used to calculate bladder number per unit length

Inter-bladder distance will give an indication of growth rate