Name :	Chapter 8 Dynamic Ecosystem
WORKSHEET 8.5: COLONISATION AN	D SUCCESSION IN A POND Score/_
COLONISATION	Pioneer species :eg : Hydrilla sp
submerged plants	Adaptive features: root to penetrate into the soil and to absorb nutrients and bind sand particles together
(a) Colonisation by pioneer species	Changes the environment Pioneer species die, increase content of the soil. Humus and the soil are deposited on the base of the pond making the pond
SUCCESSION	
	Successor : eg : Lemna sp
floating species	Adaptive features : rapidly by vegetative propagation
submerged plants	Change the environment
(b) Succession by floating plants	Add more matter on the base of the pond, soil erosion and sediments deposited on the base of the
SUCCESSION	
	Successor :eg : Sedges
cattails floating plants sedges	Adaptive features : grow horizontally across the habitat to bind the soil particle together
(c) Succession by emergent plants	Change the environment Add to the on the base of pond making the pond to become shallower
SUCCESSION	plants grow from the edge of the pond
sedges cattails	towards the middle of the pond as the pond become more shallow
The state of the s	Change the environment
(d) The pond becomes more shallow	When these plant, their decomposed remains add to the sediments on the base of the

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