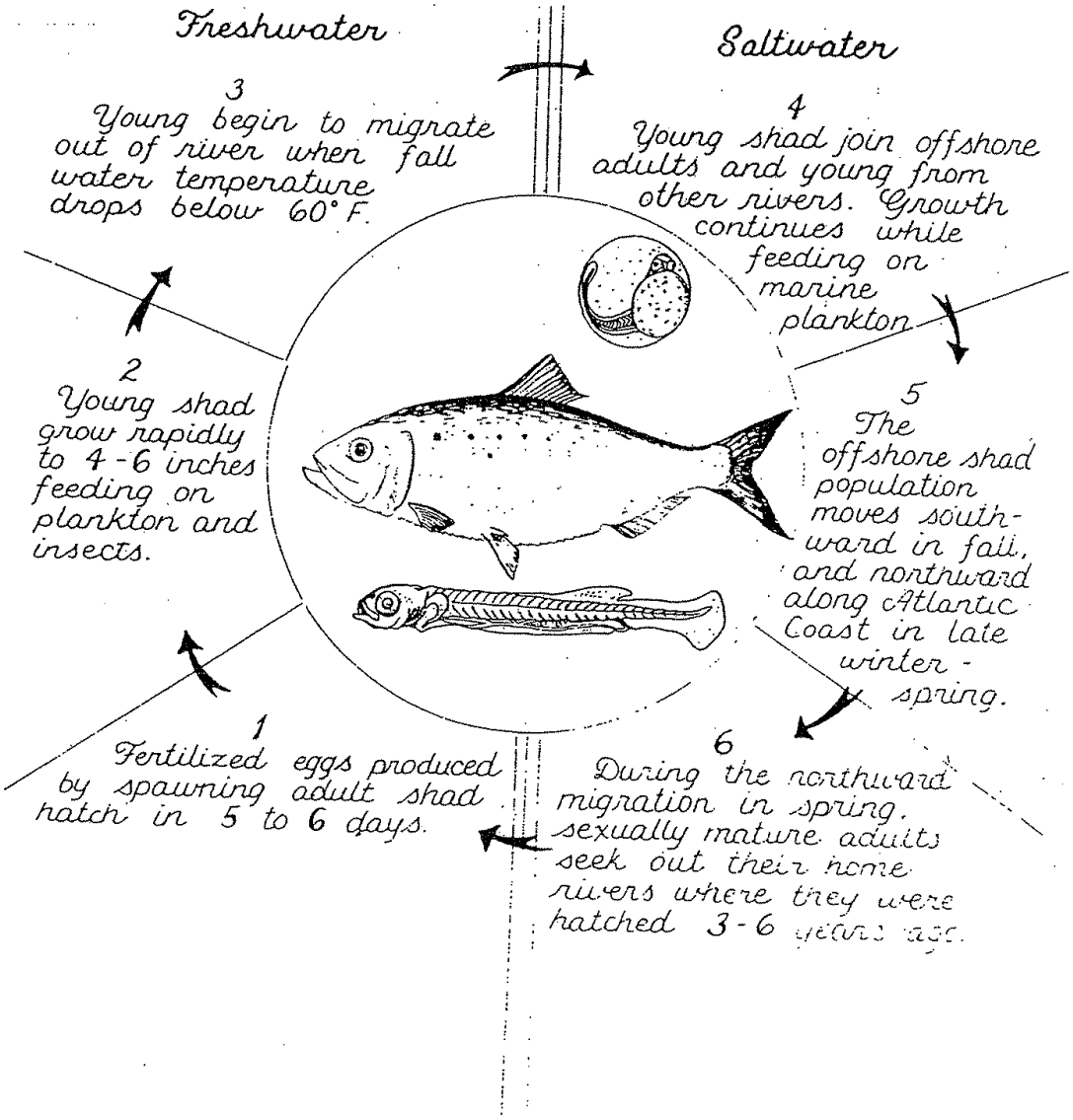Life Cycle of a Shad