From: Summerhayes & Elton 1923 J Ecol SKUA KITTIWAKE **PROTOZOA NITROGEN** GUILLEMOTS **GLAUCUS GULL** FULMAR PETREL LITTLE AUK BACTERIA DUNG PUFFIN NORTHERN EIDER MINERAL SALTS LONG-TAILED DUCK RED THROATED DIVER COLLEMBOLA DEAD PLANTS DIPTERA-SPIDER ARCTIC FOX MITES-MARINE ◆HYMENOPTERA ANIMALS PLANTS: DUNG **PTARMIGAN** SEALS WORMS SNOW BUNTING GEESE POLAR PURPLE SANDPIPER BEAR DIPTERA ALGAE PROTOZOA DECAYING **LEPIDURUS** DIPTERA MATTER **ENTOMOSTRACA ENTOMOSTRACA** ROTIFERA ROTIFERA **PROTOZOA** MOSS **TARDIGRADA** OLIGOCHAETA NEMATODA ALGAE Freshwater Plankton Freshwater Benthic and Littoral