B Capelin Simulation: harp seal scenario V=2 vs V=4 Whale fish eater Whale zooplankton eater Whale squid eater Whale mammal eater Seal harp Seal hooded Seal other Seabird piscivore Seabird planktivore Seabird benthivore Greenland shark Atlantic cod greater than 35cm **LoR Simulation** Atlantic cod less than 35cm Greenland halibut LoR 1 Other piscivorous fish LoR 10 Redfish **Functional Groups** LoR 20 Arctic cod Other plank-piscivourous fish LoR obs American plaice greater than 35cm LoR 30 American plaice less than 35cm Thorny skate LoR 40 Other large benthivorous fish LoR 50 Witch flounder LoR 60 Other medium benthivourous fish Small benthivourous fish **LoR 70** Herring LoR 80 Sandlance Other planktivorous fish LoR 90 Squid LoR 100 Shrimp Snow crab Predatory invertebrates Deposit feeding invertebrates Suspension feeding invertebrates Macrozooplankton Large mesozooplankton Small mesozooplankton Microzooplankton Large phytoplankton Small phytoplankton Detritus 0.9 Relative Biomass Change (V2 simulation scaled at 1)