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 Atlantic cod less than 35cm **LoR Simulation** Greenland halibut Silver hake and pollock LoR 1 Other piscivorous fish LoR 10 Redfish Functional Groups Arctic cod LoR 20 Other plank-piscivorous fish LoR obs American plaice greater than 35cm American plaice less than 35cm LoR 30 Thorny skate LoR 40 Háddock Other large benthivorous fish LoR 50 Yellowtail flounder LoR 60 Witch flounder Other medium benthivorous fish **LoR 70** Small benthivorous fish LoR 80 Herring Sandlance LoR 90 Other planktivorous fish LoR 100 Squid Shrimp Snow crab Predatory invertebrates Deposit feeding invertebrates Suspension feeding invertebrates Macrozooplankton Large mesozooplankton Small mesozooplankton Microzooplankton Large phytoplankton Small phytoplankton Detritus 0.8 0.9 1.0 Relative Biomass Change (V2 simulation scaled at 1)