F Capelin Simulation: harp seal scenario V=2 vs V=10 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 **LoD Simulation** Greenland halibut LoD 0 Other piscivorous fish Redfish LoD 10 **Functional Groups** Arctic cod LoD 20 Other plank-piscivourous fish American plaice greater than 35cm LoD 30 American plaice less than 35cm LoD 40 Thorny skate LoD 50 Other large benthivorous fish Witch flounder LoD 60 Other medium benthivourous fish LoD 70 Small benthivourous fish Herring LoD 80 Sandlance LoD 90 Other planktivorous fish LoD 99 Squid Shrimp Snow crab Predatory invertebrates Deposit feeding invertebrates Suspension feeding invertebrates Macrozooplankton Large mesozooplankton Small mesozooplankton Microzooplankton Large phytoplankton Small phytoplankton Detritus 0.90 0.95 1.00 1.05 Relative Biomass Change (V2 simulation scaled at 1)