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 Silver hake and pollock LoD 0 Other piscivorous fish Redfish LoD 10 Functional Groups Arctic cod LoD₂₀ Other plank-piscivorous fish American plaice greater than 35cm American plaice less than 35cm LoD 30 LoD 40 Thorny skate Háddock LoD 50 Other large benthivorous fish LoD 60 Yellowtail flounder Witch flounder LoD 70 Other medium benthivorous fish LoD 80 Small benthivorous fish Herring LoD 90 Sandlance LoD 99 Other planktivorous fish Squid Shrimp Snow crab Predatory invertebrates Deposit feeding invertebrates Suspension feeding invertebrates Macrozooplankton Large mesozooplankton Small mesozooplankton Microzooplankton Large phytoplankton Small phytoplankton Detritus 0.9 1.2 Relative Biomass Change (V2 simulation scaled at 1)