## F harp seal Simulation: harp seal scenario V=2 vs V=4 Whale fish eater Whale zooplankton eater Whale squid eater Whale mammal eater 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 Other piscivorous fish LoD 0 Redfish Arctic cod LoD 10 **Functional Groups** Other plank-piscivourous fish LoD 20 American plaice greater than 35cm American plaice less than 35cm LoD<sub>30</sub> Thorny skate Other large benthivorous fish LoD 40 LoD 50 Witch flounder Other medium benthivourous fish LoD 60 Small benthivourous fish LoD 70 Herring Sandlance LoD 80 Capelin 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 1.05 0.95 1.00 1.10 Relative Biomass Change (V2 simulation scaled at 1)