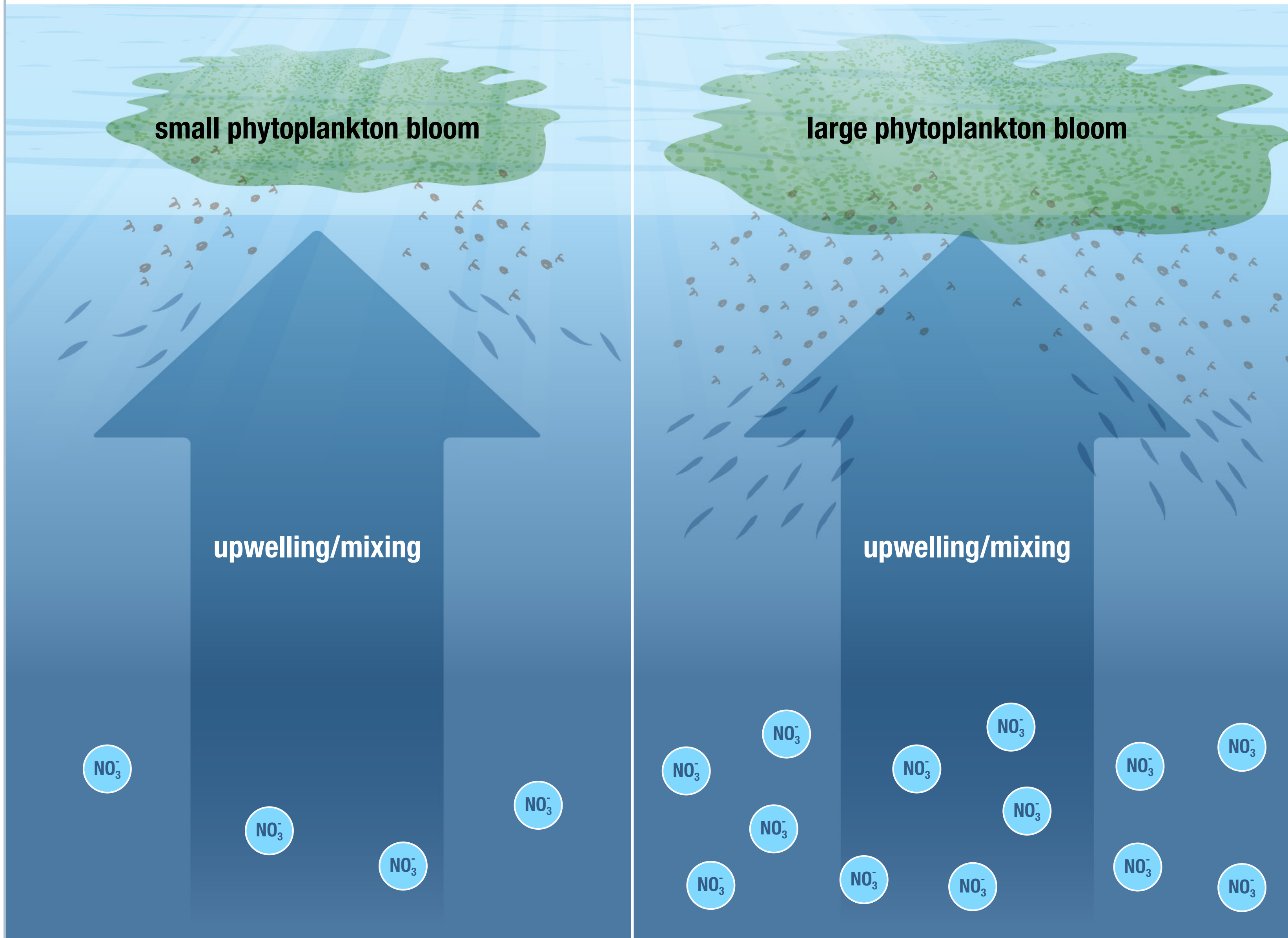


Nitrate: Key nutrient offshore, potential threat inshore

OFFSHORE

Phytoplankton growth depends on nitrate. With lower nitrate, there are fewer phytoplankton leading to less energy for marine food webs.



Below average nitrate

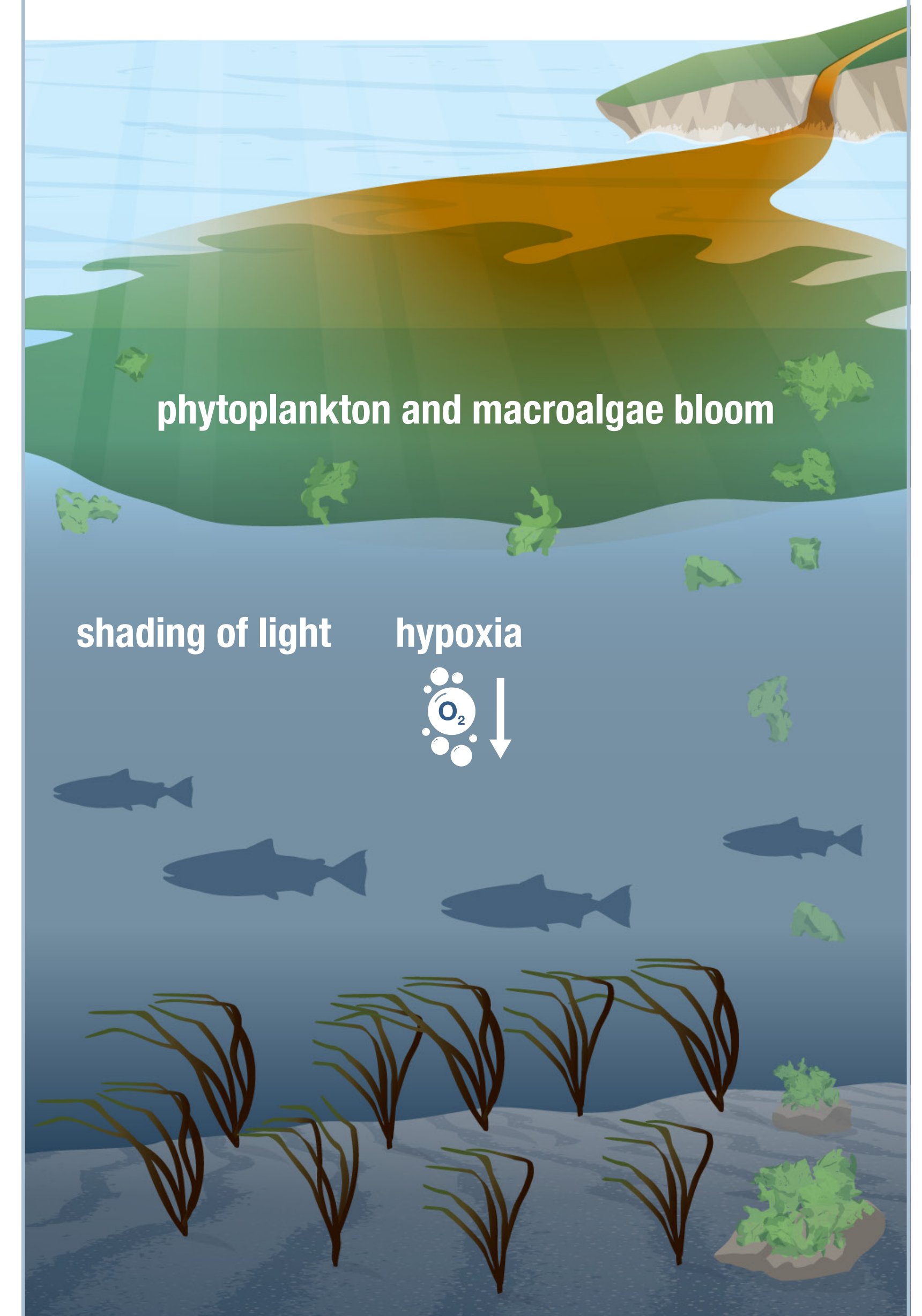
Gulf of St. Lawrence 2017–2018	Newfoundland and Labrador Shelves 2017–2018	Scotian Shelf 2017–2020
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Above average nitrate

Gulf of St. Lawrence 2019–2020	Newfoundland and Labrador Shelves 2019–2020
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INSHORE

Excess nitrate from agricultural runoff can threaten coastal ecosystems.



Excess nitrate levels

Southern GSL Estuaries



Fisheries and Oceans
Canada

Pêches et Océans
Canada

Canada