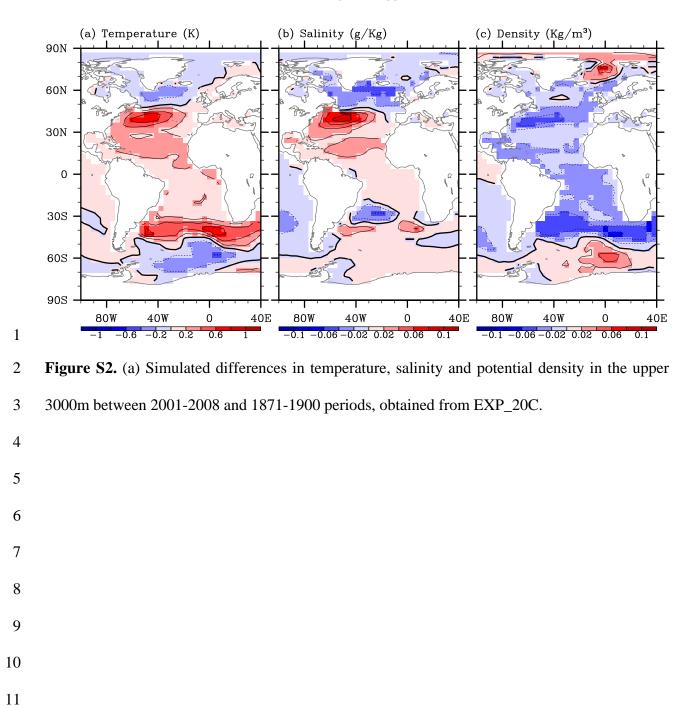


CCSM3_POP (EXP_20C_015): Barotropic Stream Function (Sv)

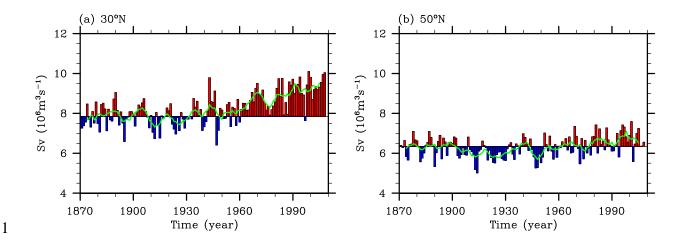
Figure S1. (a) Simulated barotropic stream function averaged for 2001-2008 periods, obtained from EXP_20C. (b) The difference in the simulated barotropic stream function between 2001-2008 and 1871-1900 periods, obtained from EXP_20C. The unit is Sv (10⁶m³s⁻¹). (c) Globalaveraged zonal wind stress for 1871-1900 and for 2001-2008 periods, obtained from the 20CR.

- 6
- 7
- 8
- 9
- 10
- 11
- 12



CCSM3_POP (EXP_20C_015): Changes in Upper 3000m (2001:2008-1871:1900)

12



CCSM3_POP (EXP_20C_015): AMOC Index (Max. Stream Function)

2 Figure S3. Time series of the simulated AMOC index (maximum overturning stream function)

3 at (a) 30N and (b) 50N obtained from EXP_20C.

4