APPENDIX D.

Distribution maps from Massachusetts inshore spring and autumn bottom trawl surveys.

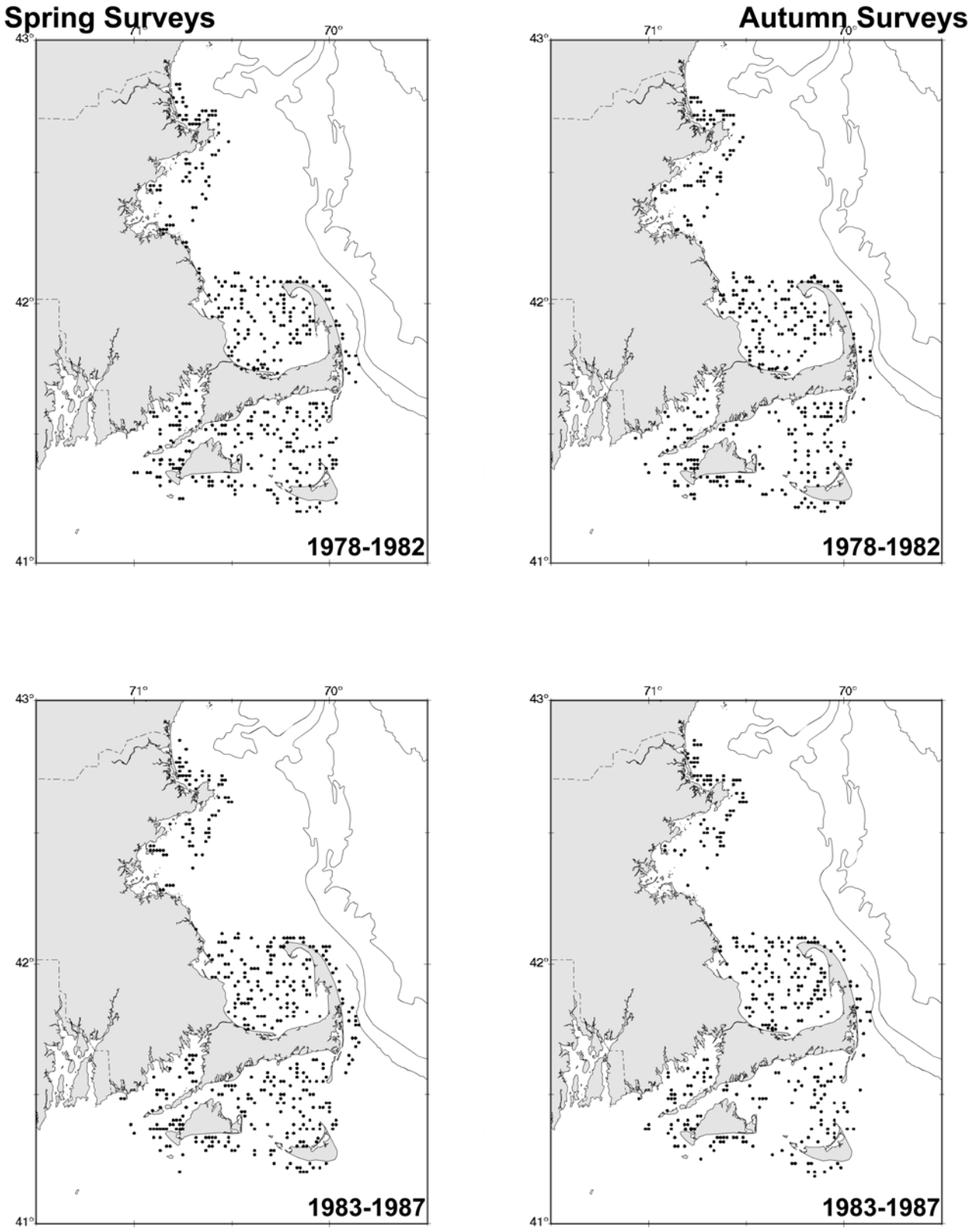

Figure D1a. Distribution of survey station locations in the Massachusetts inshore spring and autumn bottom trawl surveys from 1978-1987.

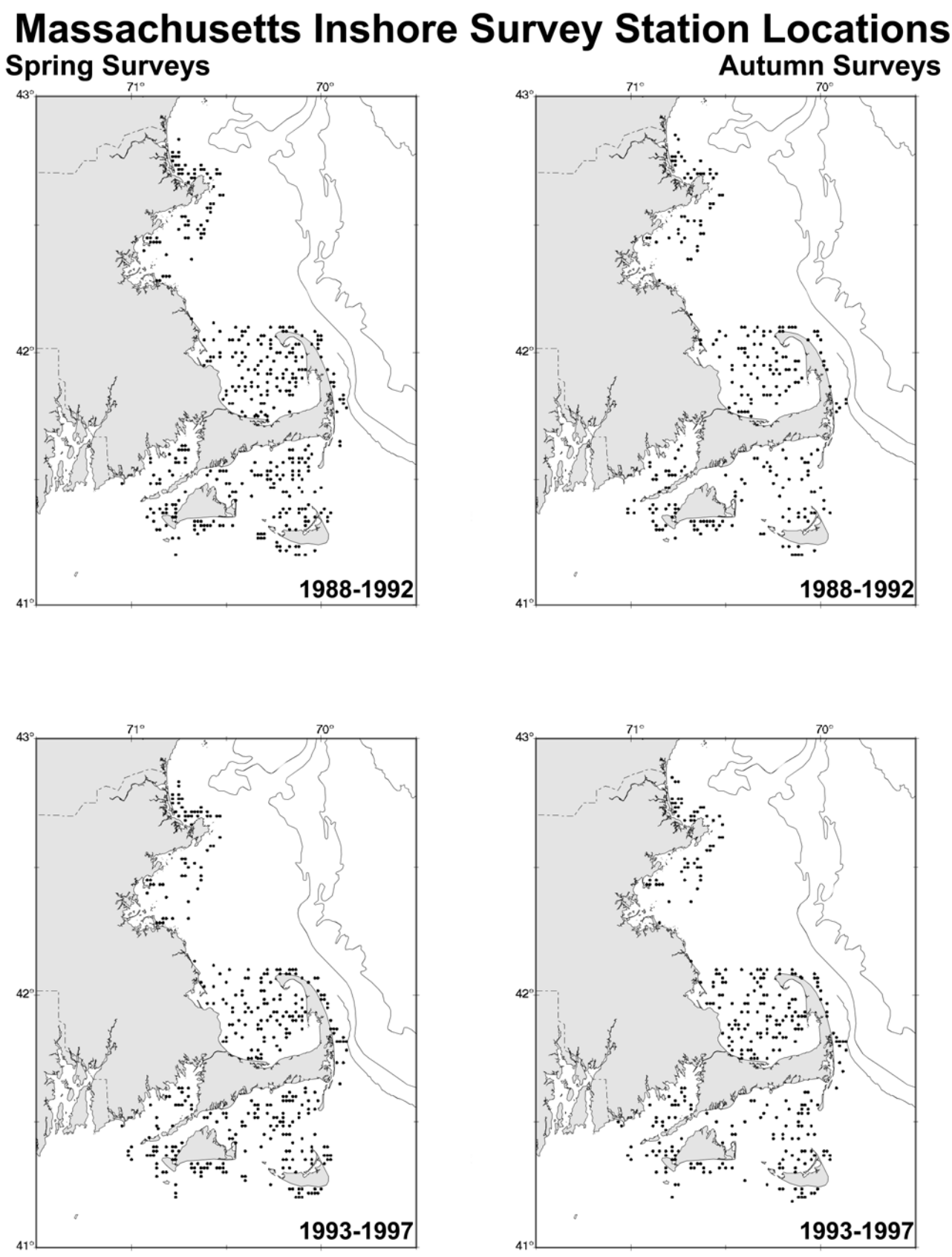

Figure D1b. Distribution of survey station locations in the Massachusetts inshore spring and autumn bottom trawl surveys from 1988-1997.

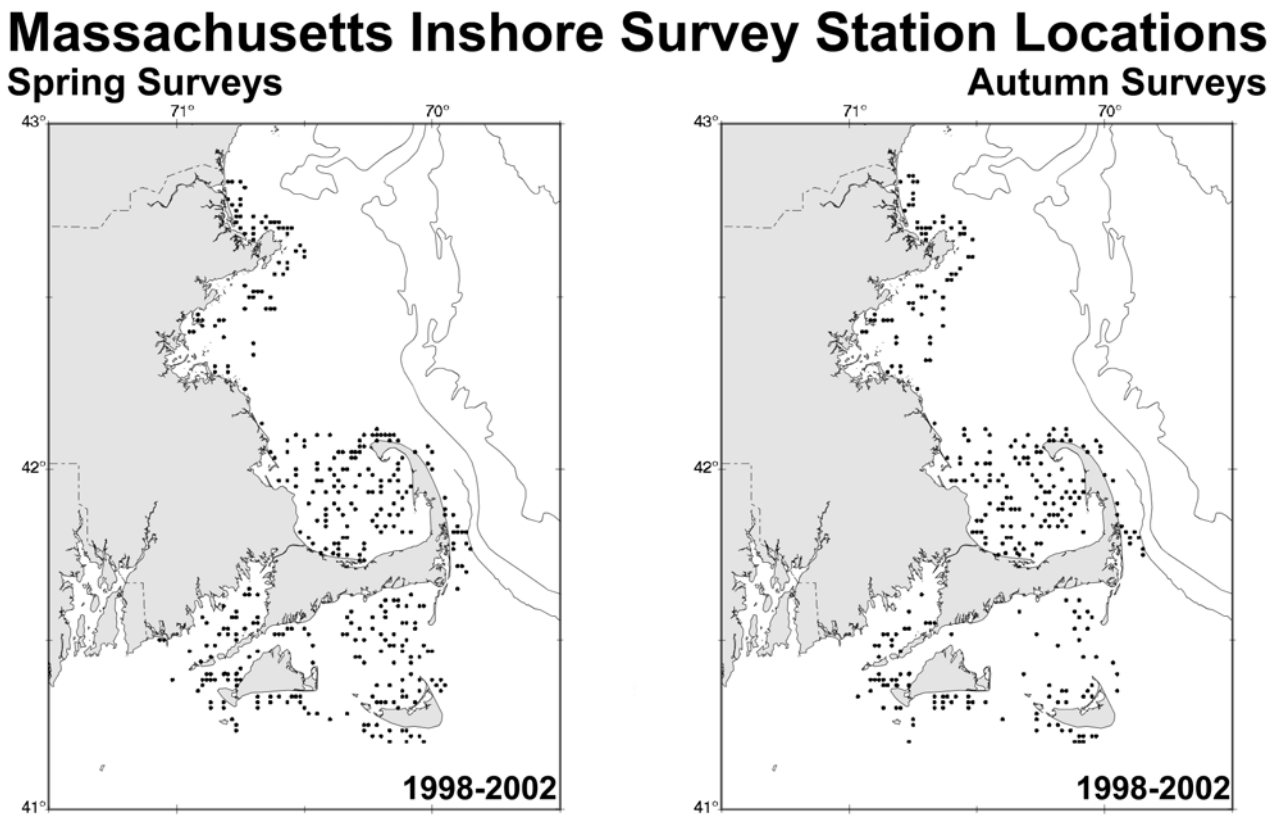

Figure D1c. Distribution of survey station locations in the Massachusetts inshore spring and autumn bottom trawl surveys from 1998-2002.

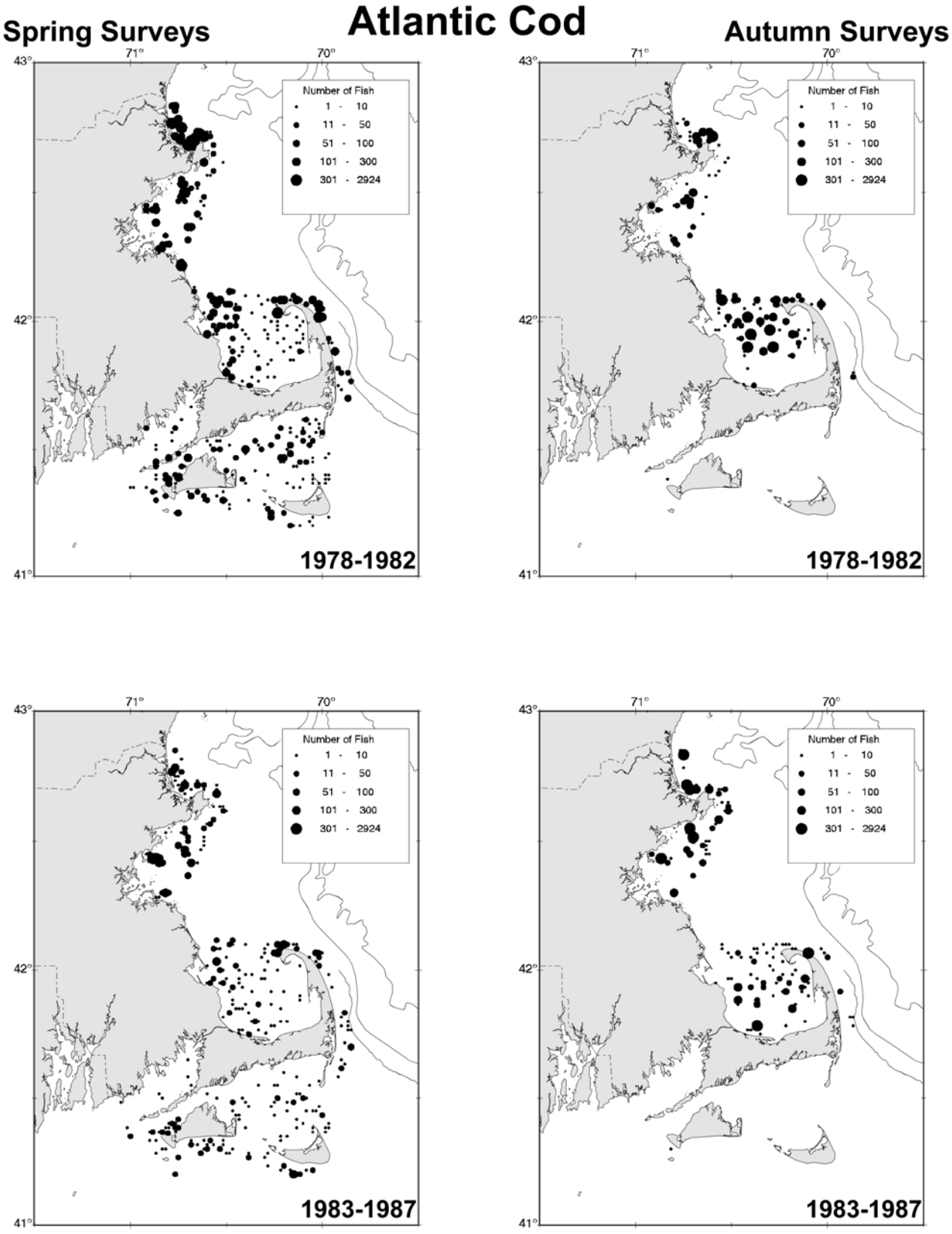

Figure D2a. Distribution of Atlantic cod in the Massachusetts inshore spring and autumn bottom trawl surveys from 1978-1987.

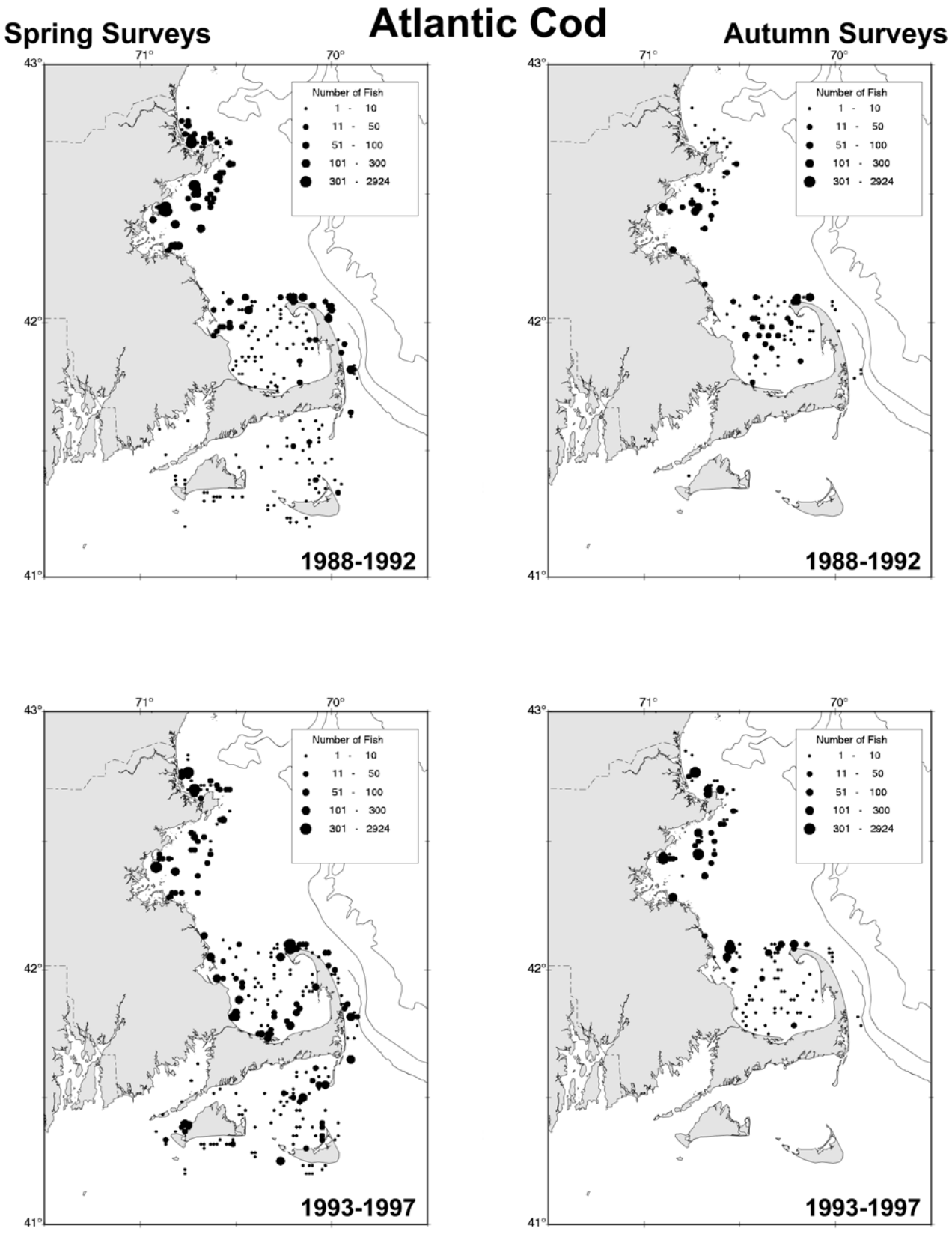

Figure D2b. Distribution of Atlantic cod in the Massachusetts inshore spring and autumn bottom trawl surveys from 1988-1997.

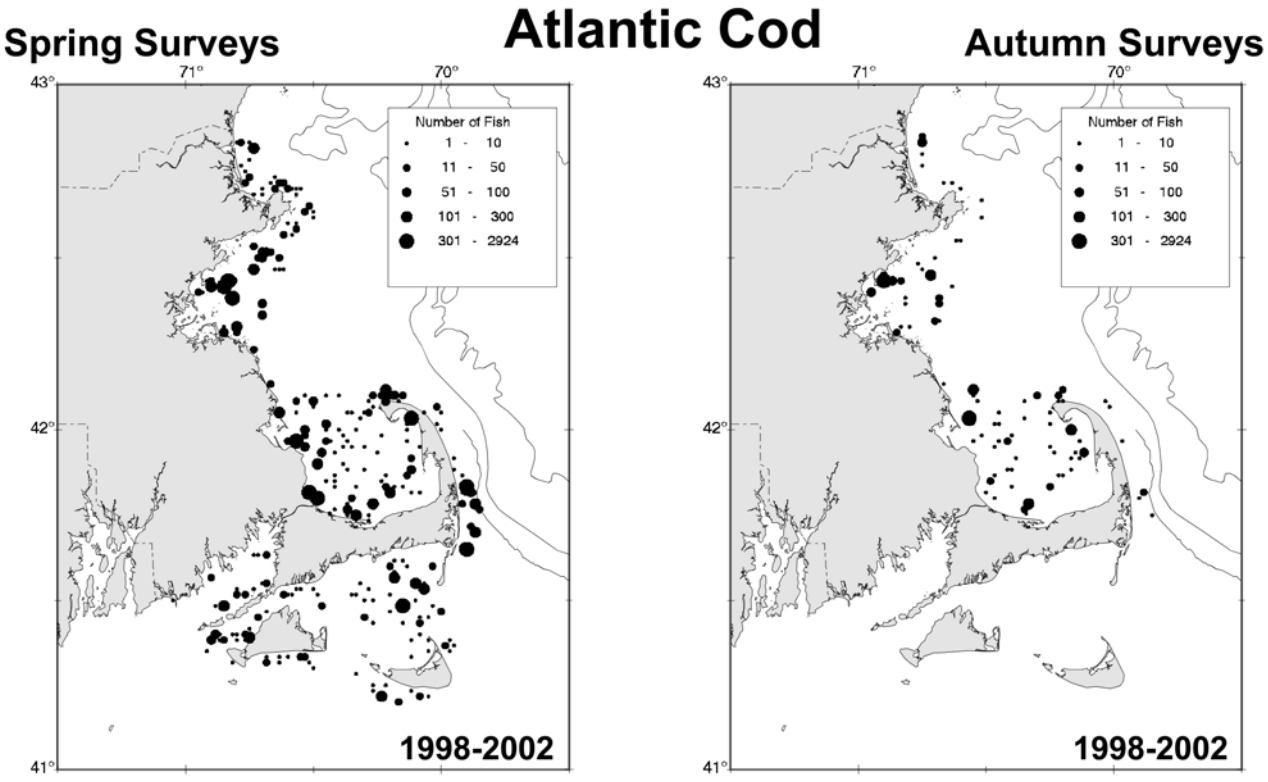

Figure D2c. Distribution of Atlantic cod in the Massachusetts inshore spring and autumn bottom trawl surveys from 1998-2002.

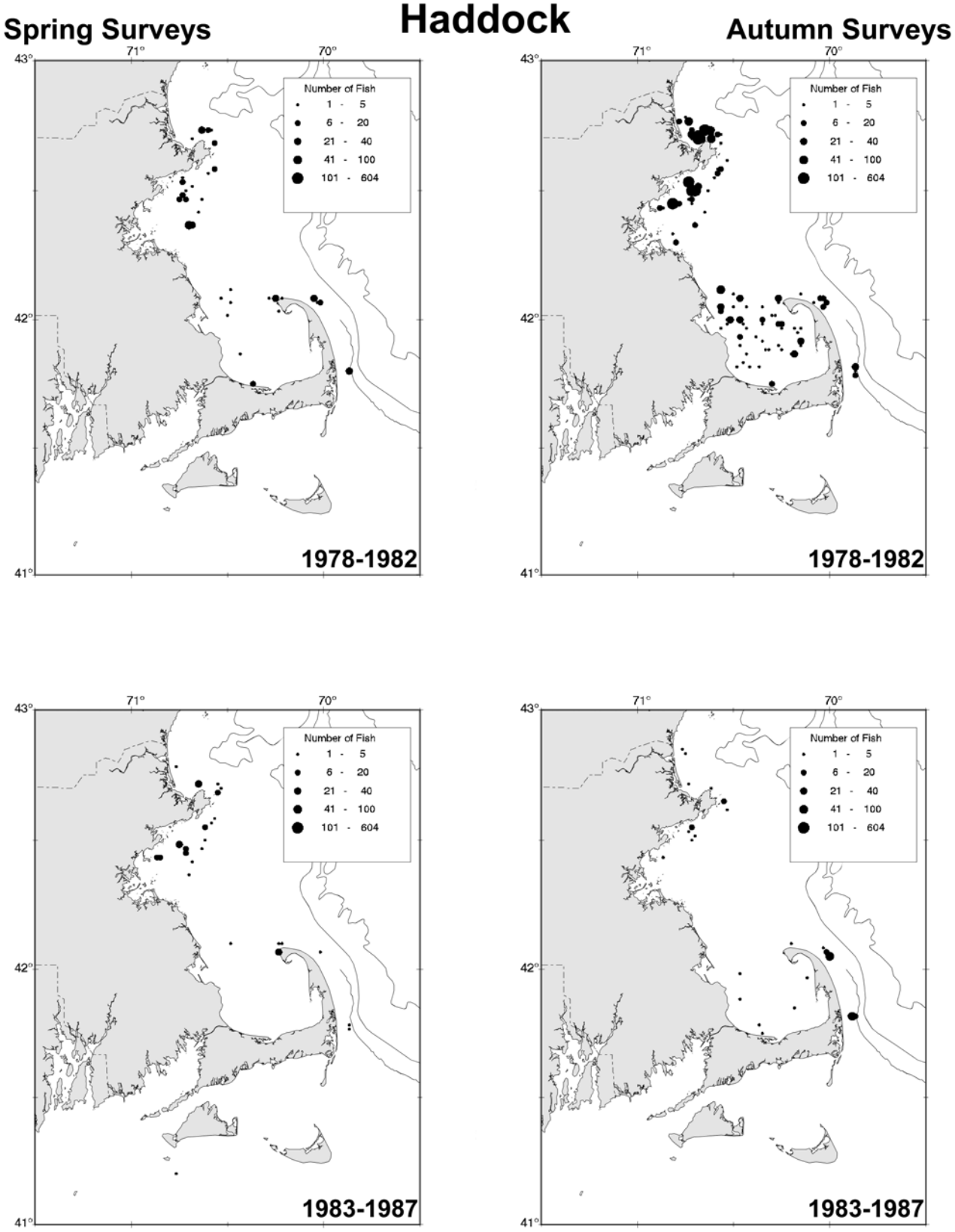

Figure D3a. Distribution of haddock in the Massachusetts inshore spring and autumn bottom trawl surveys from 1978-1987.

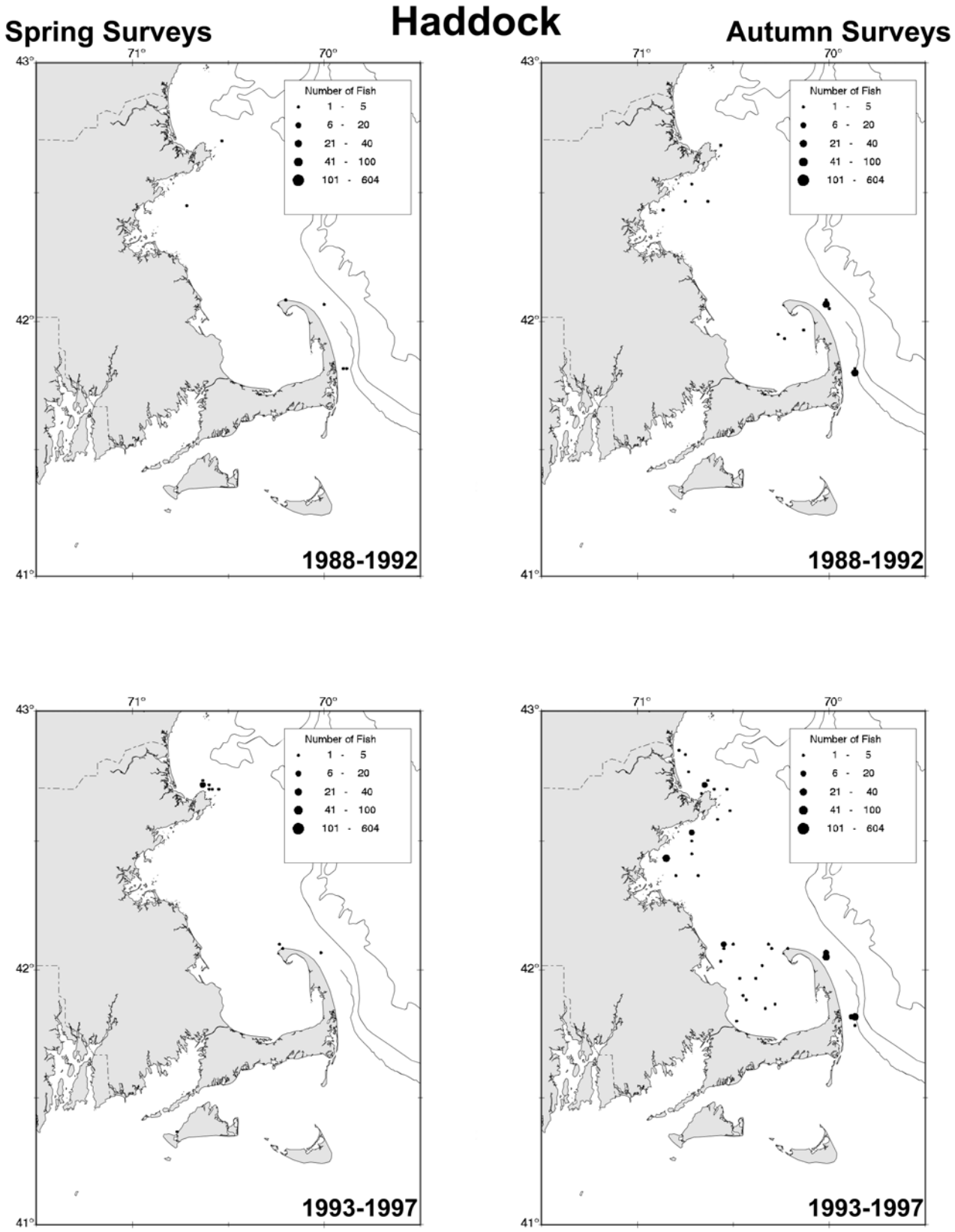

Figure D3b. Distribution of haddock in the Massachusetts inshore spring and autumn bottom trawl surveys from 1988-1997.

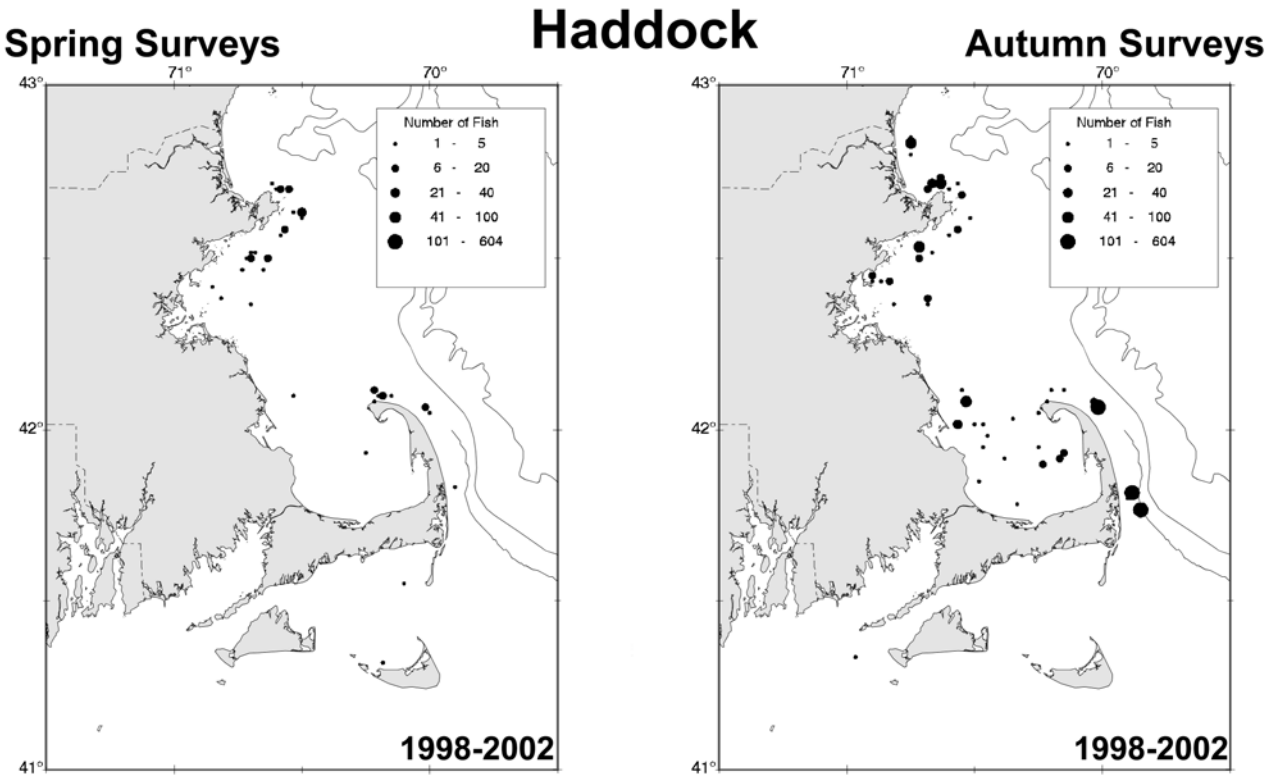

Figure D3c. Distribution of haddock in the Massachusetts inshore spring and autumn bottom trawl surveys from 1998-2002.

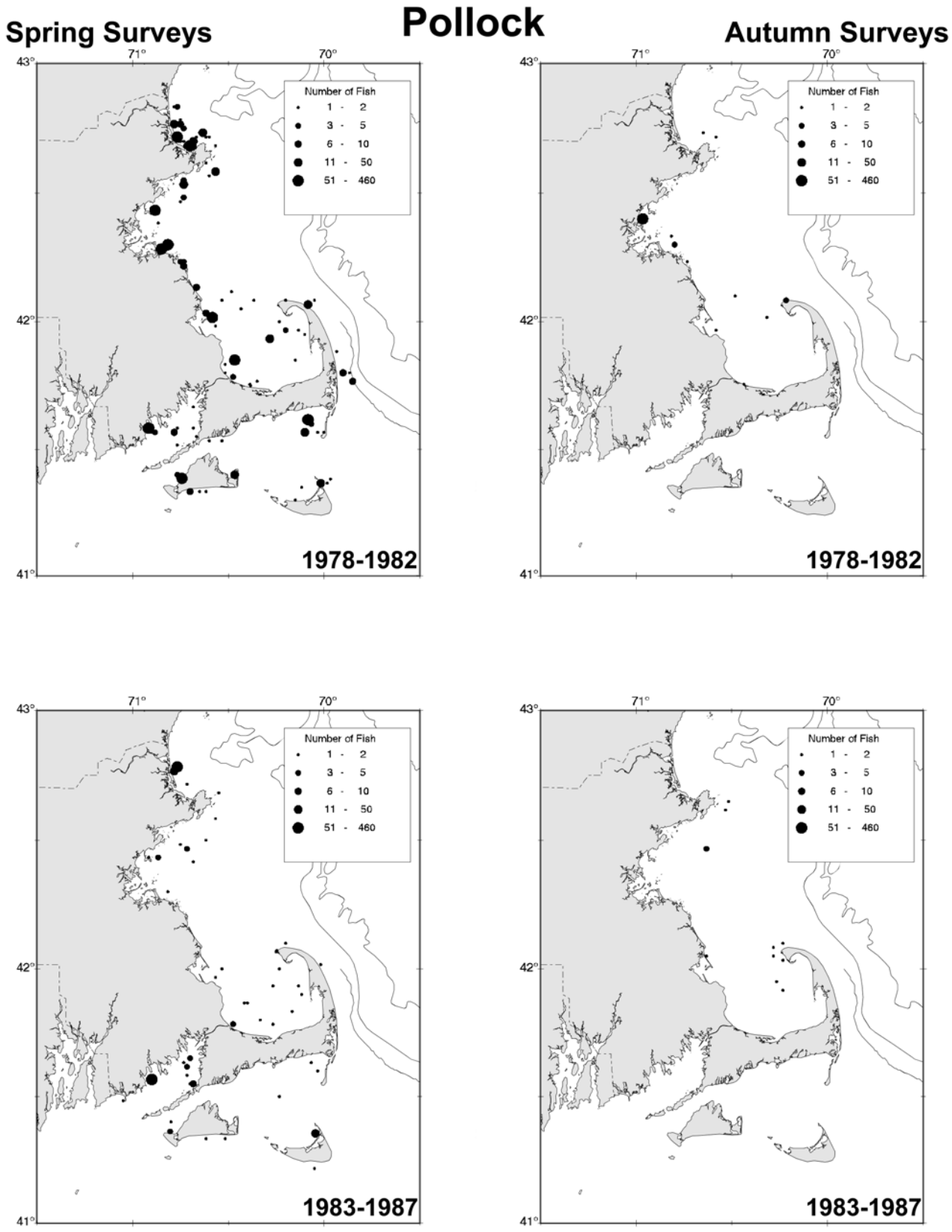

Figure D4a. Distribution of pollock in the Massachusetts inshore spring and autumn bottom trawl surveys from 1978-1987.

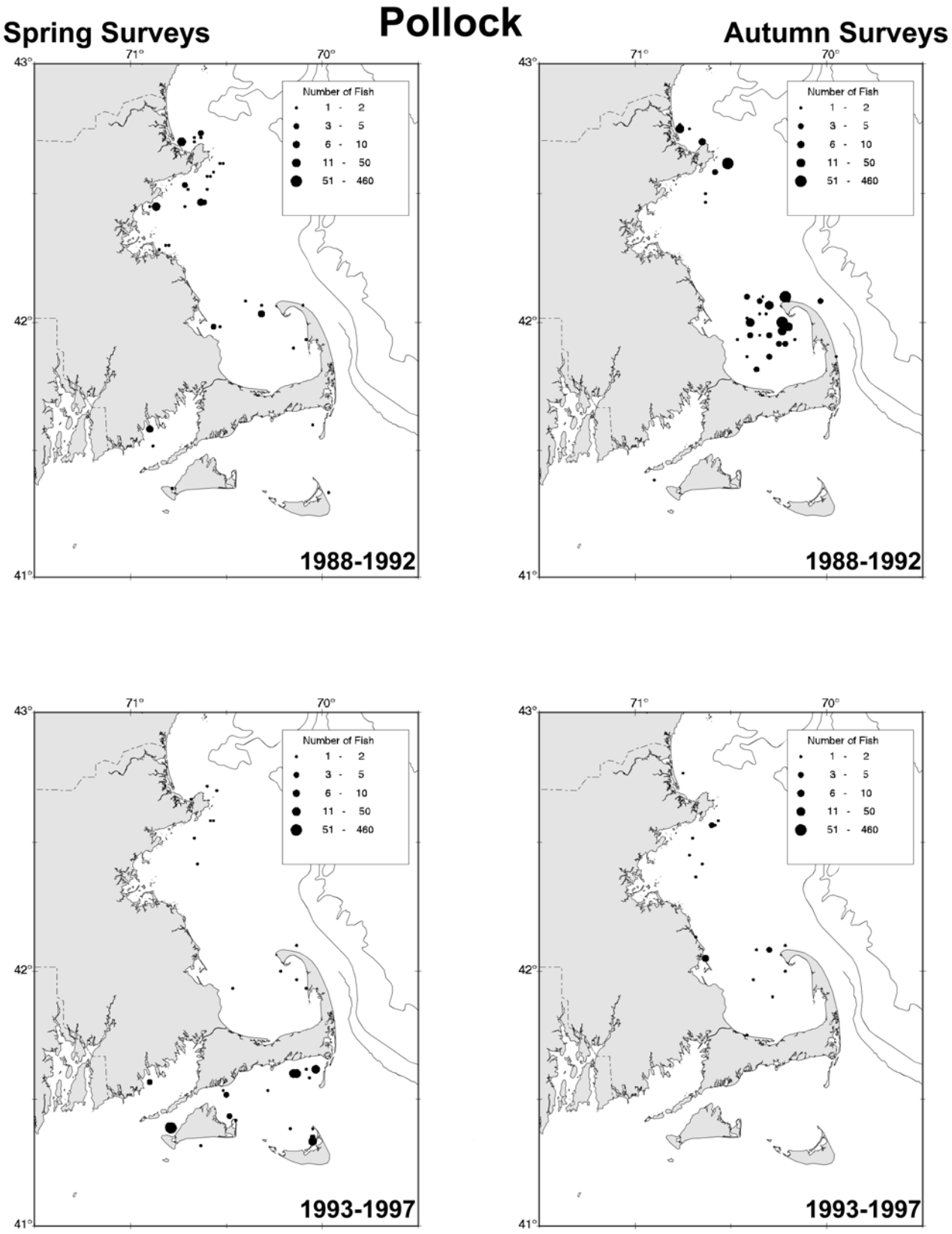

Figure D4b. Distribution of pollock in the Massachusetts inshore spring and autumn bottom trawl surveys from 1988-1997.

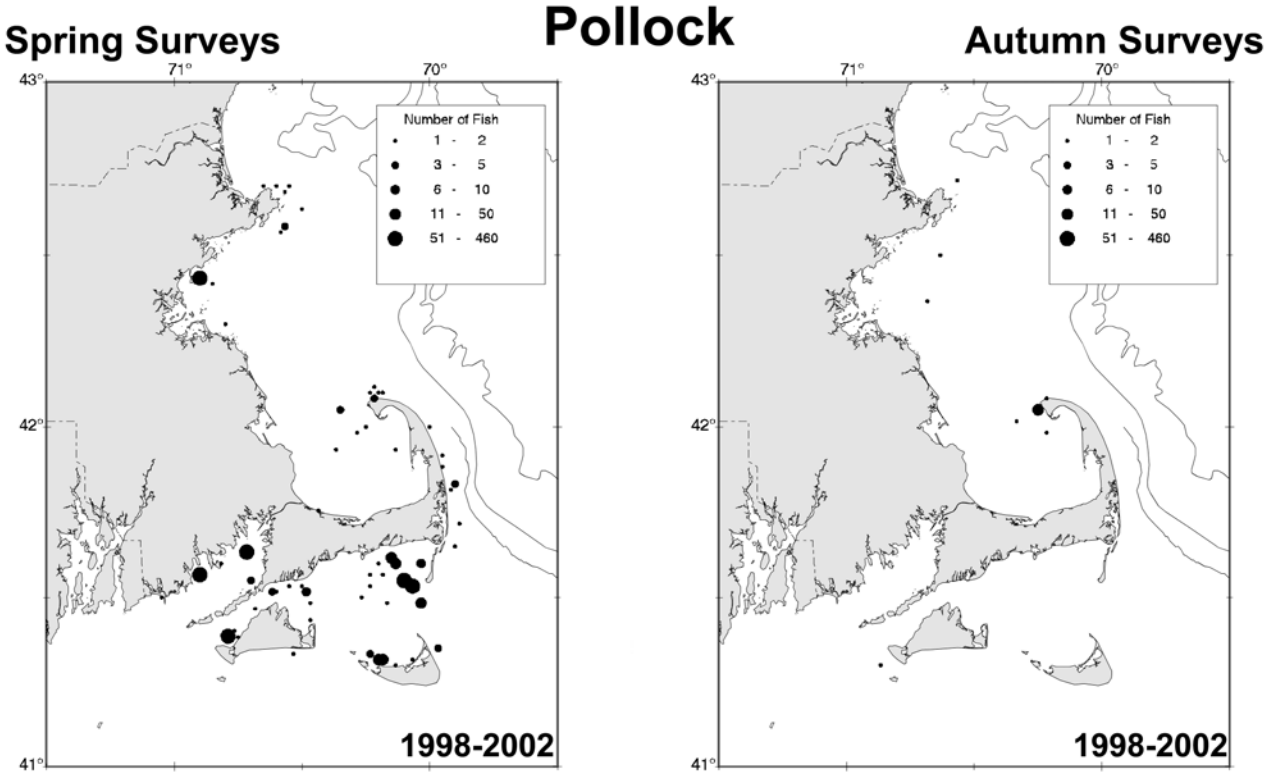

Figure D4c. Distribution of pollock in the Massachusetts inshore spring and autumn bottom trawl surveys from 1998-2002.

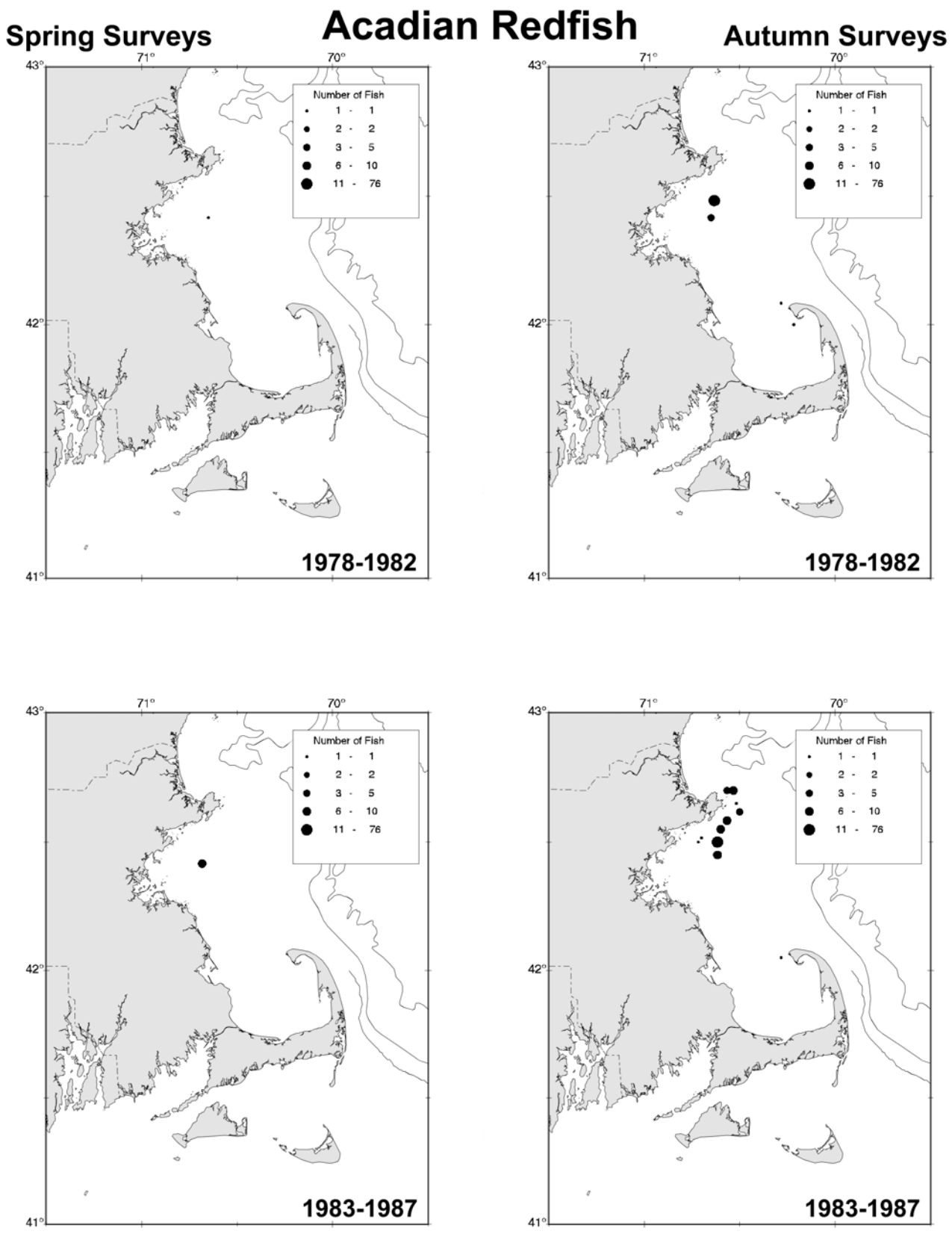

Figure D5a. Distribution of Acadian redfish in the Massachusetts inshore spring and autumn bottom trawl surveys from 1978-1987.

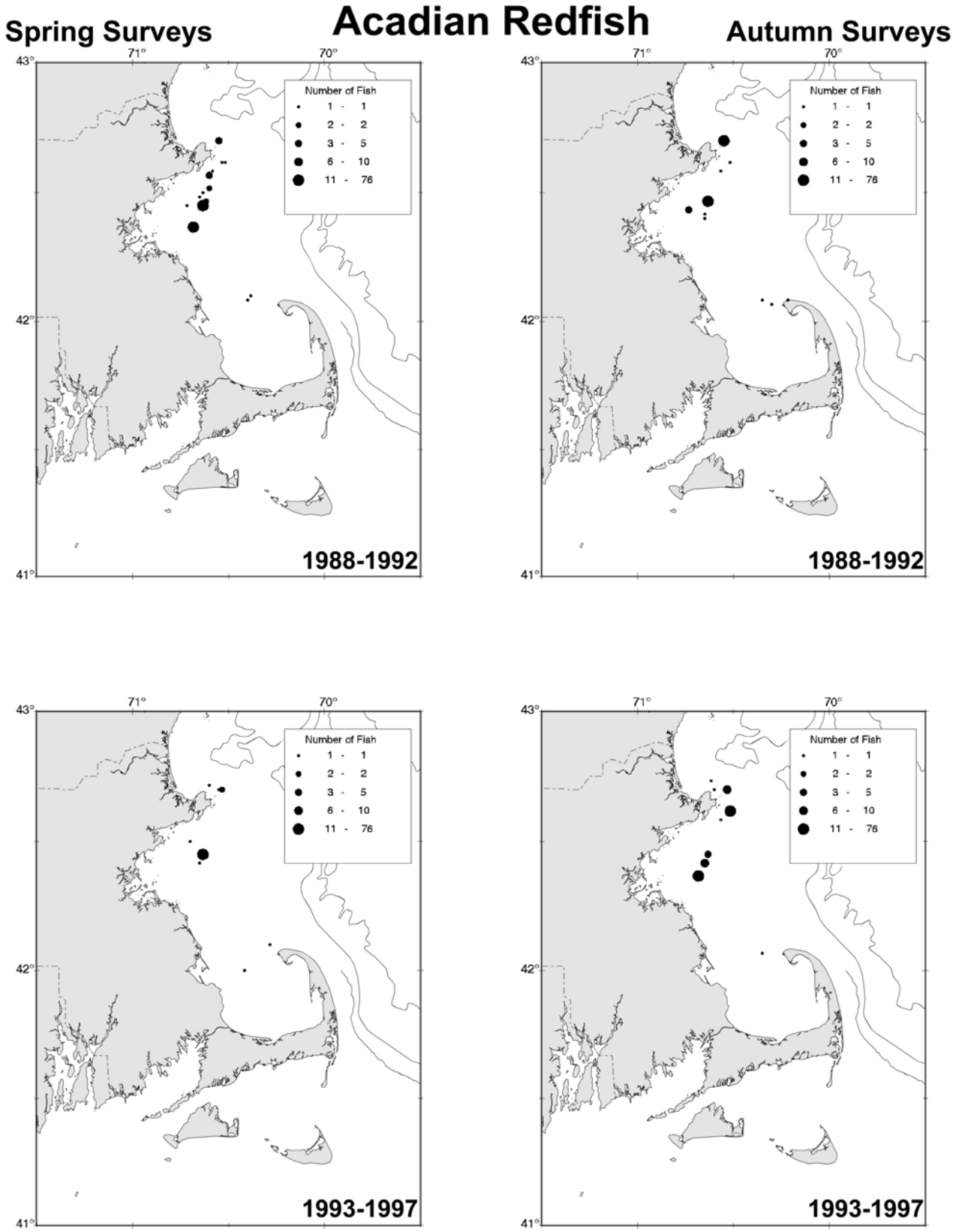

Figure D5b. Distribution of Acadian redfish in the Massachusetts inshore spring and autumn bottom trawl surveys from 1988-1997.

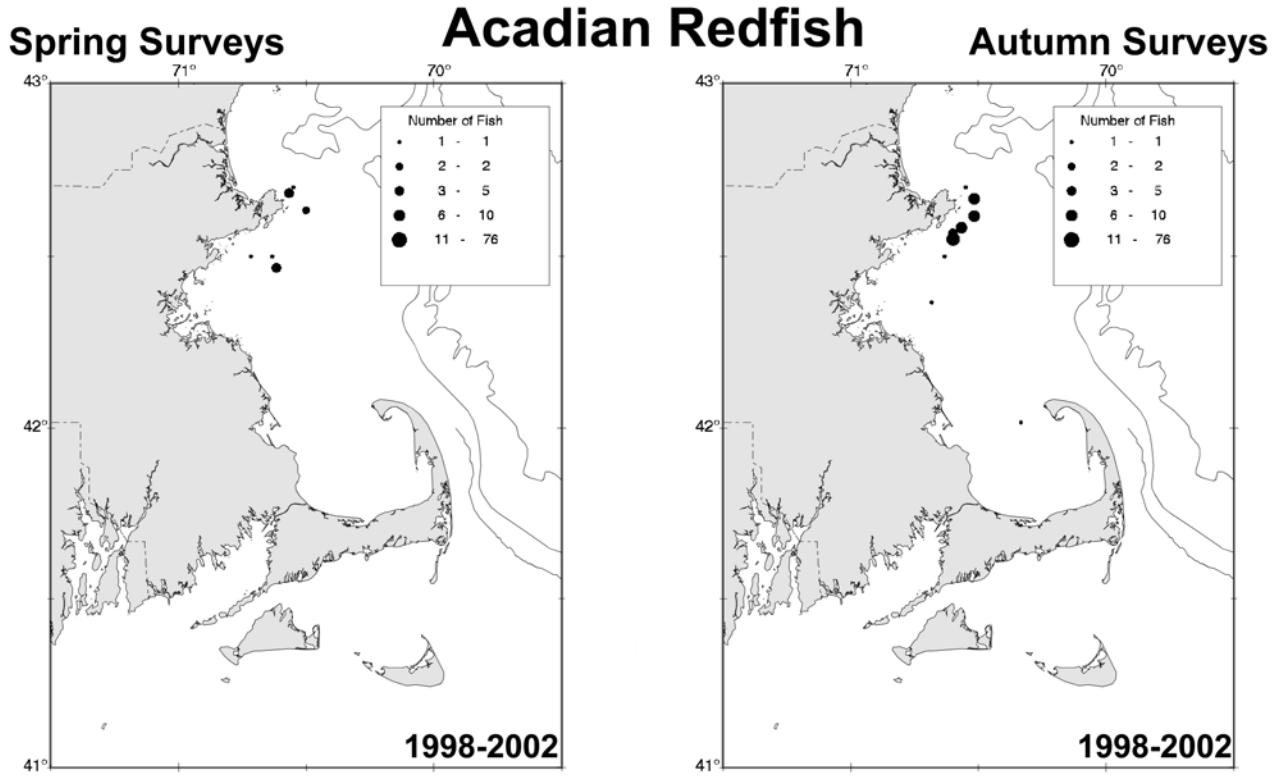

Figure D5c. Distribution of Acadian redfish in the Massachusetts inshore spring and autumn bottom trawl surveys from 1998-2002.

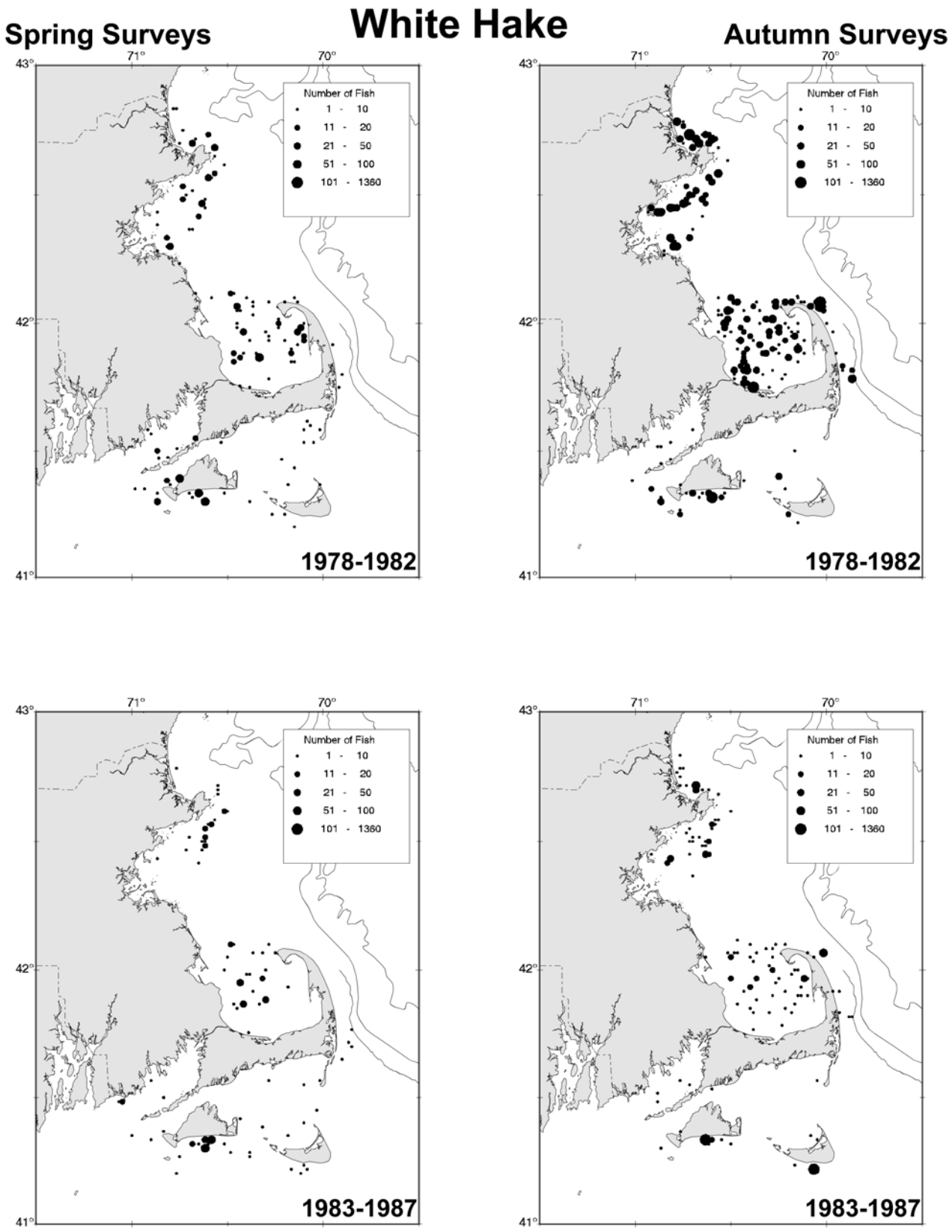

Figure D6a. Distribution of white hake in the Massachusetts inshore spring and autumn bottom trawl surveys from 1978-1987.

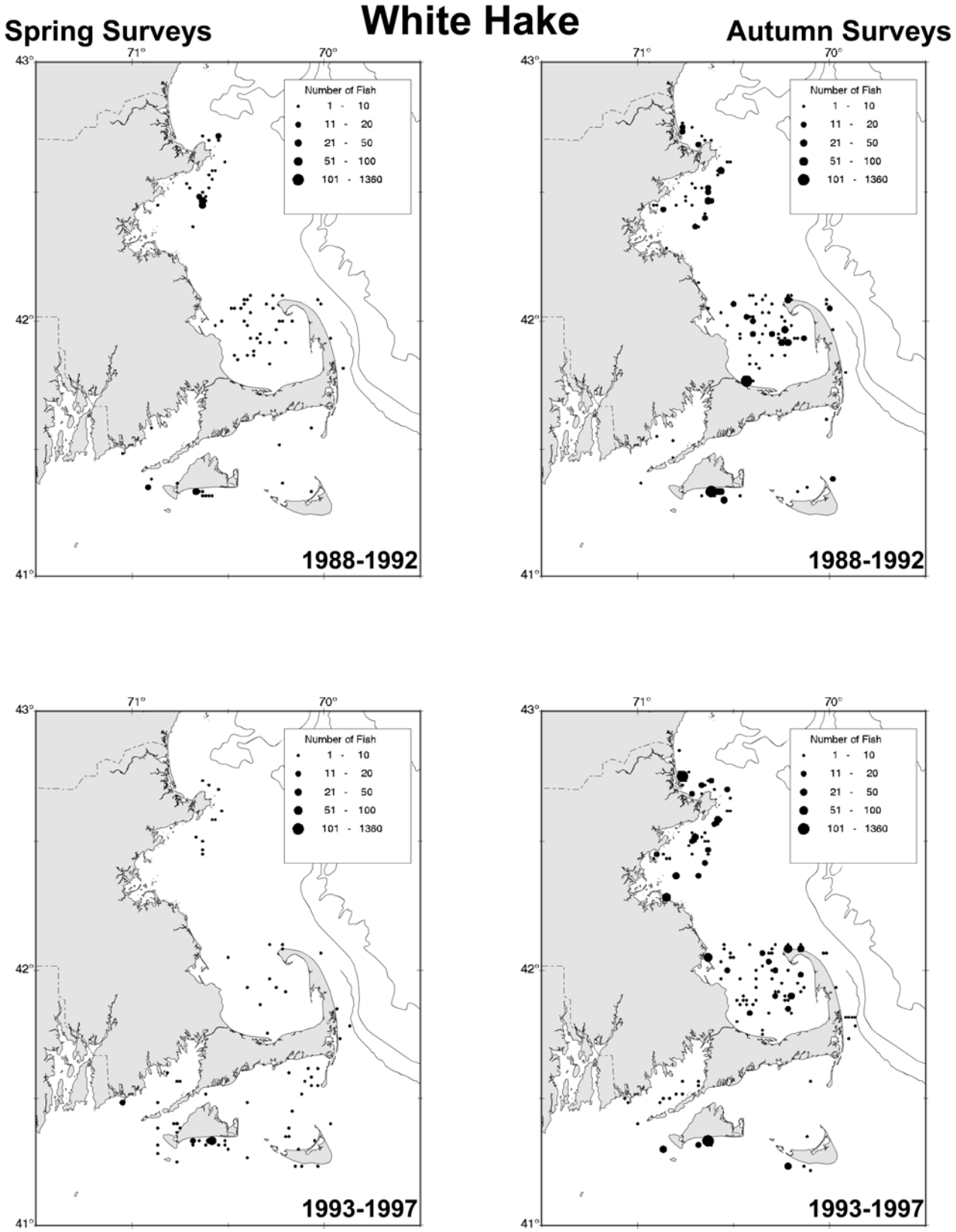

Figure D6b. Distribution of white hake in the Massachusetts inshore spring and autumn bottom trawl surveys from 1988-1997.

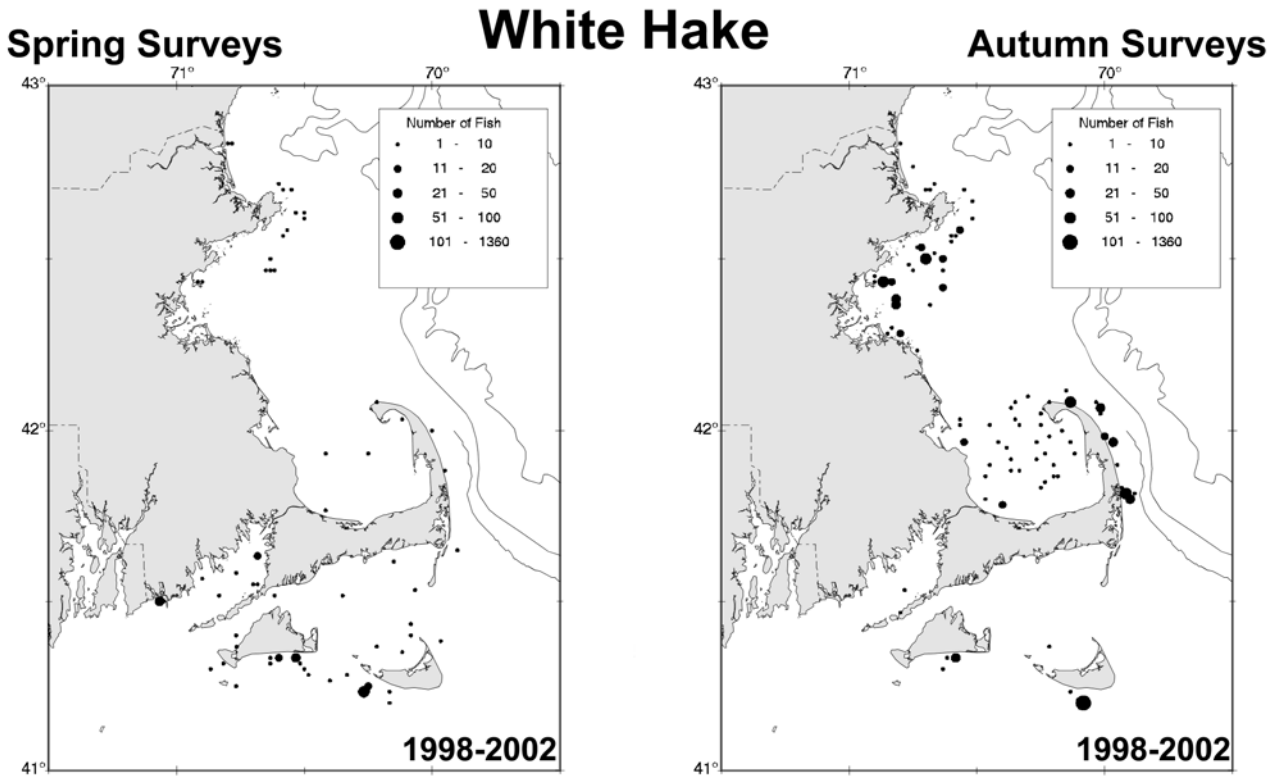

Figure D6c. Distribution of white hake in the Massachusetts inshore spring and autumn bottom trawl surveys from 1998-2002.

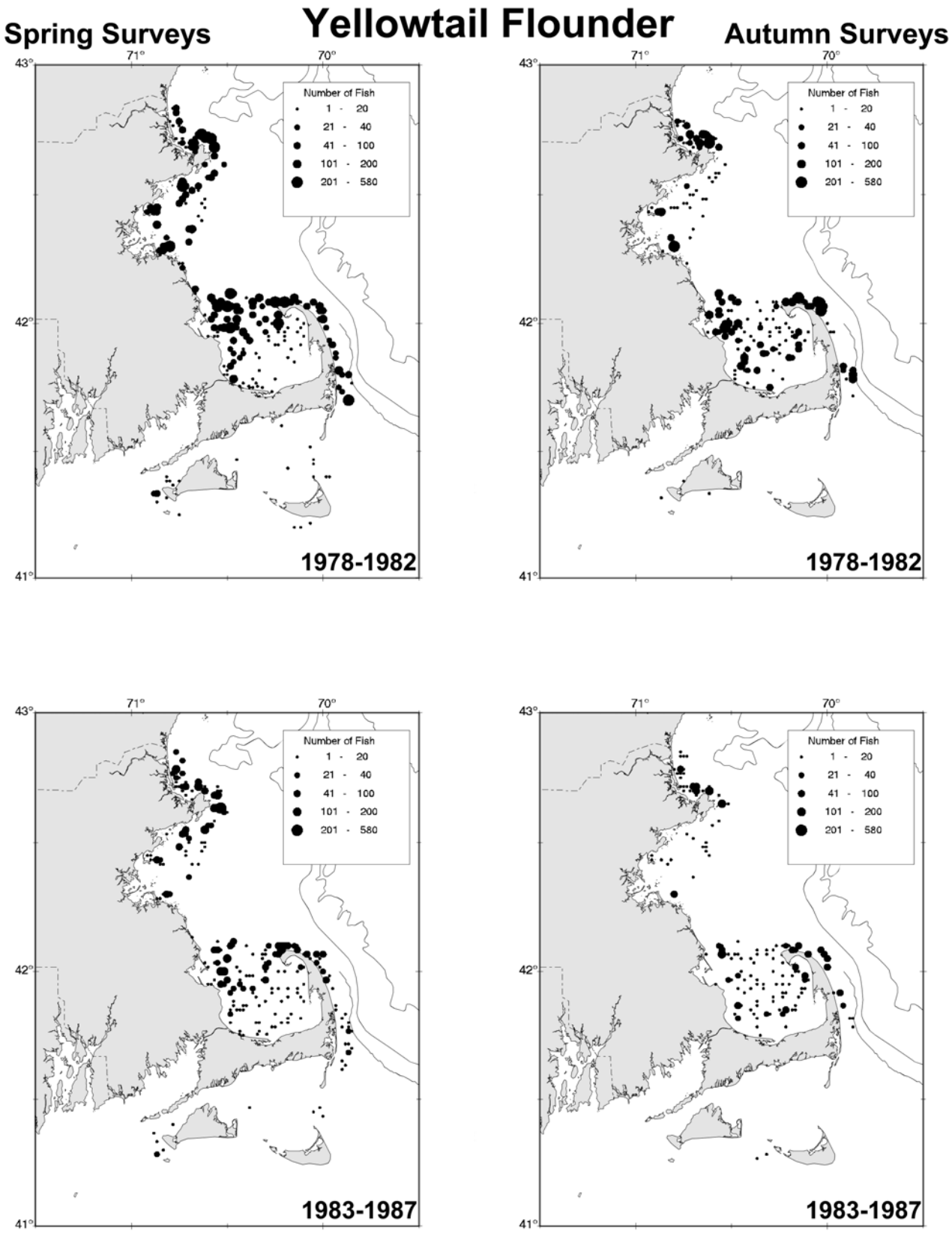

Figure D7a. Distribution of yellowtail flounder in the Massachusetts inshore spring and autumn bottom trawl surveys from 1978-1987.

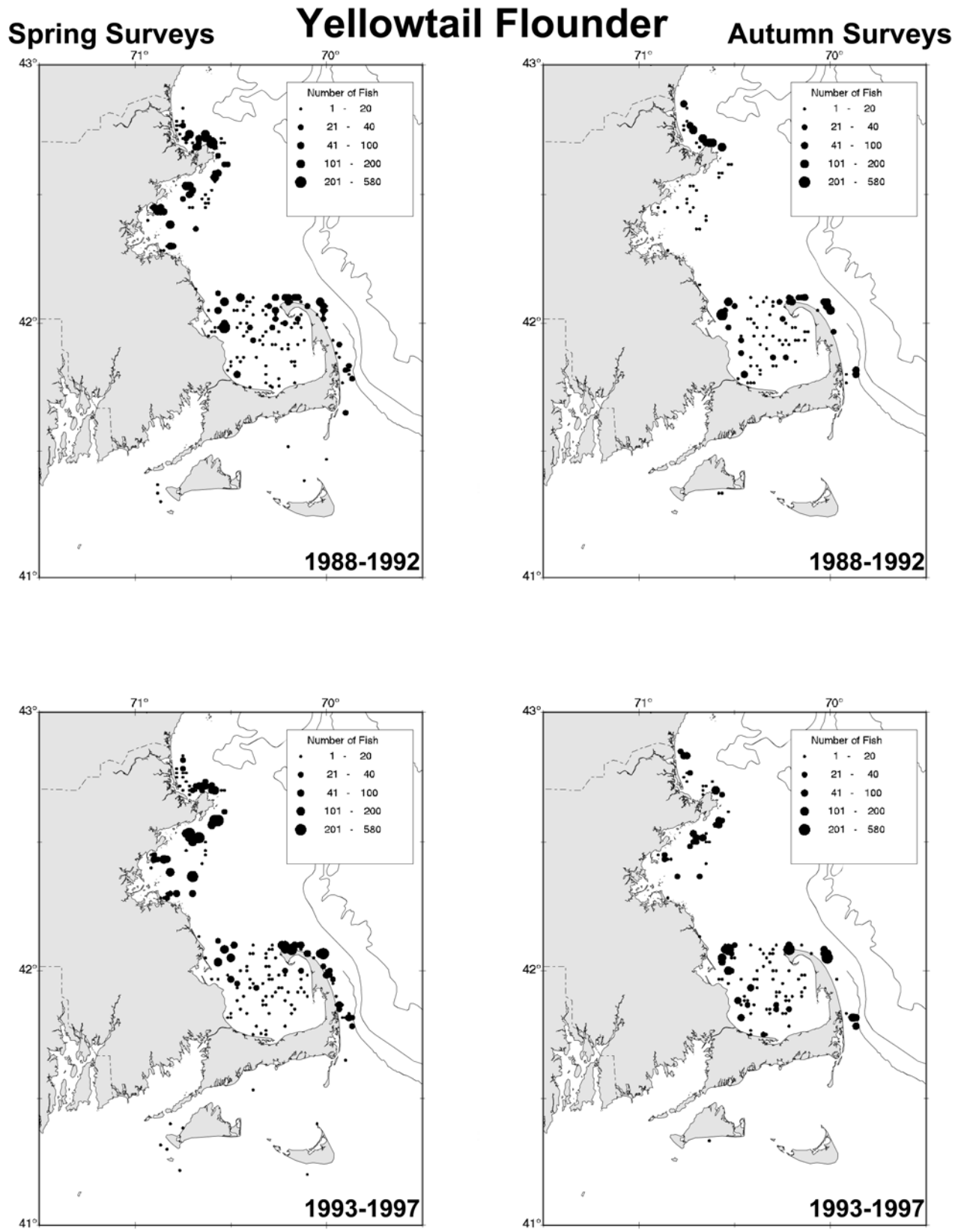

Figure D7b. Distribution of yellowtail flounder in the Massachusetts inshore spring and autumn bottom trawl surveys from 1988-1997.

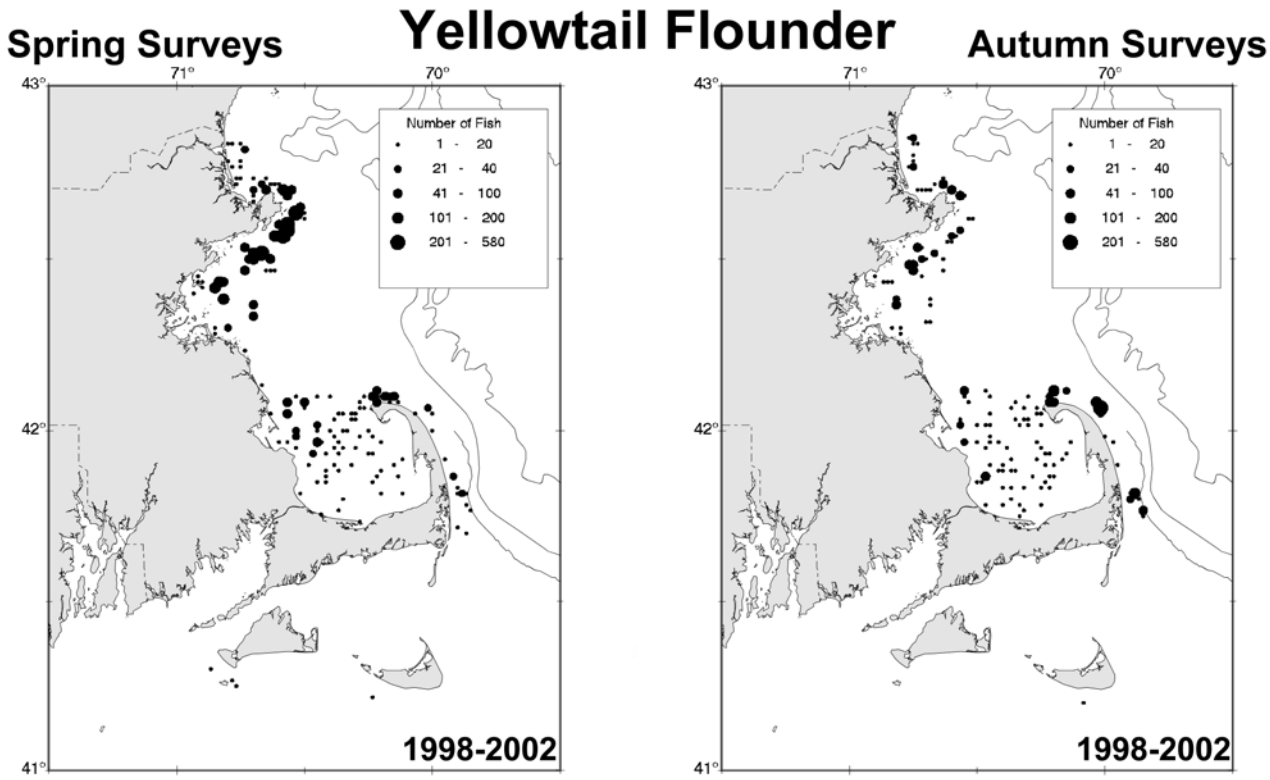

Figure D7c. Distribution of yellowtail flounder in the Massachusetts inshore spring and autumn bottom trawl surveys from 1998-2002.

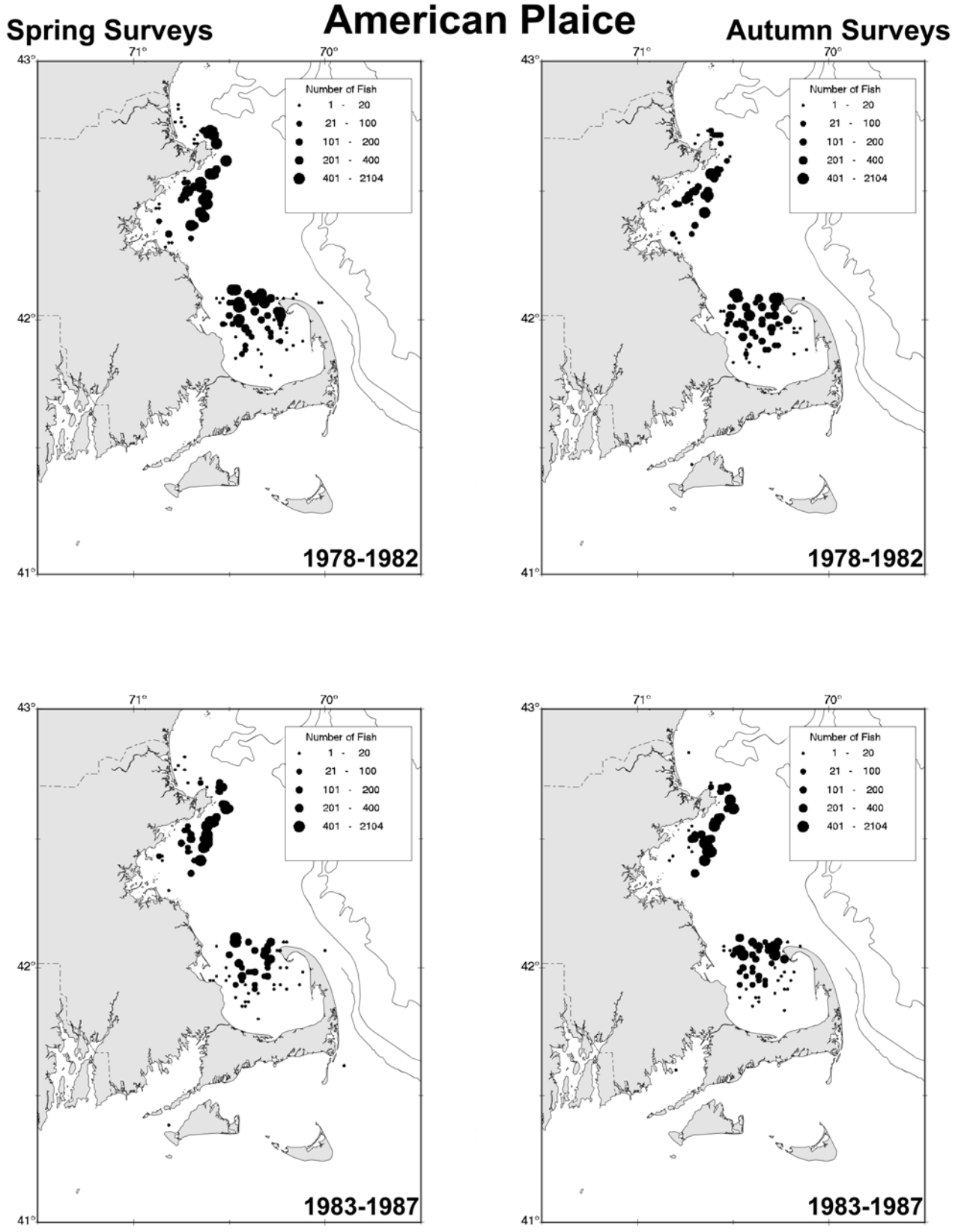

Figure D8a. Distribution of American plaice in the Massachusetts inshore spring and autumn bottom trawl surveys from 1978-1987.

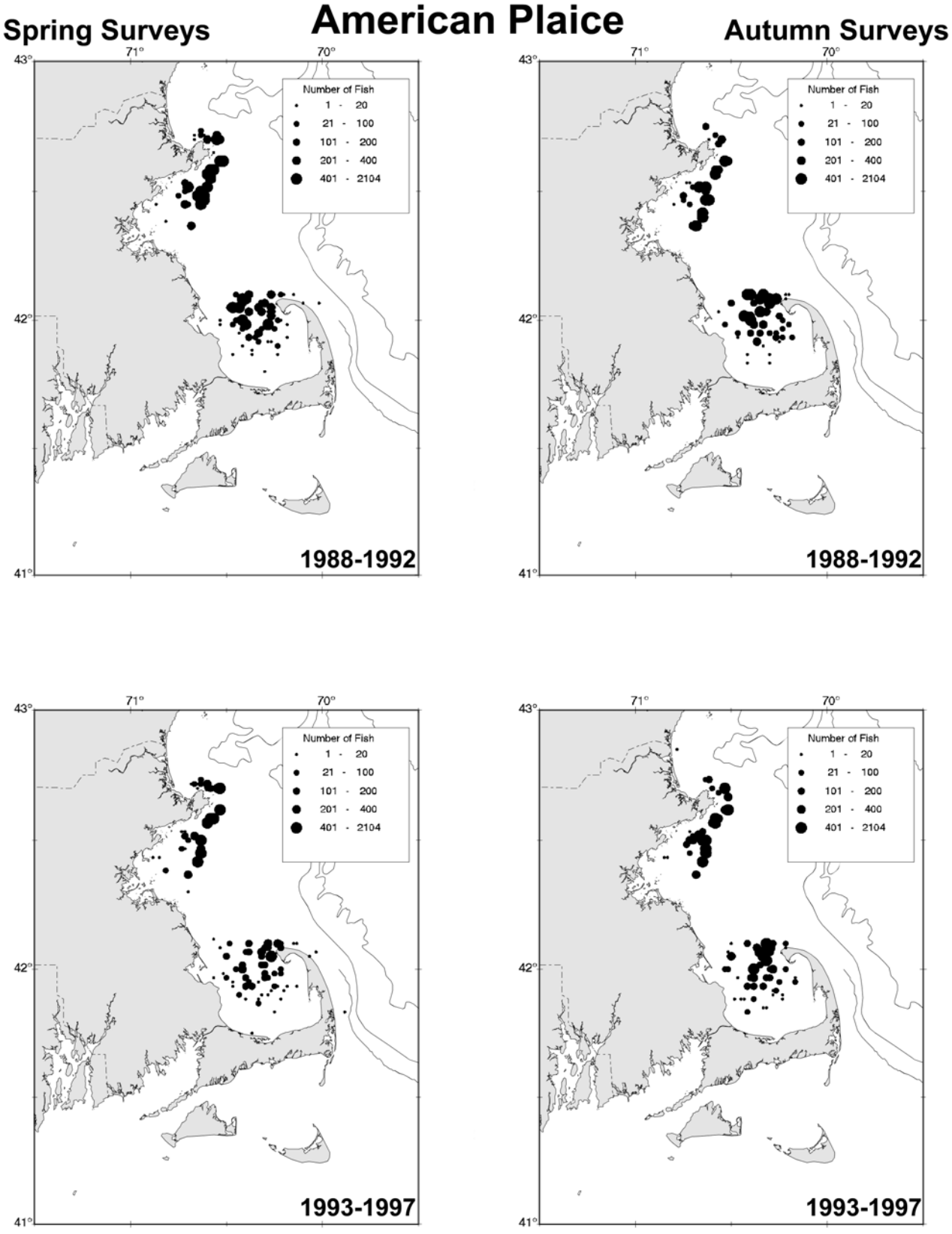

Figure D8b. Distribution of American plaice in the Massachusetts inshore spring and autumn bottom trawl surveys from 1988-1997.

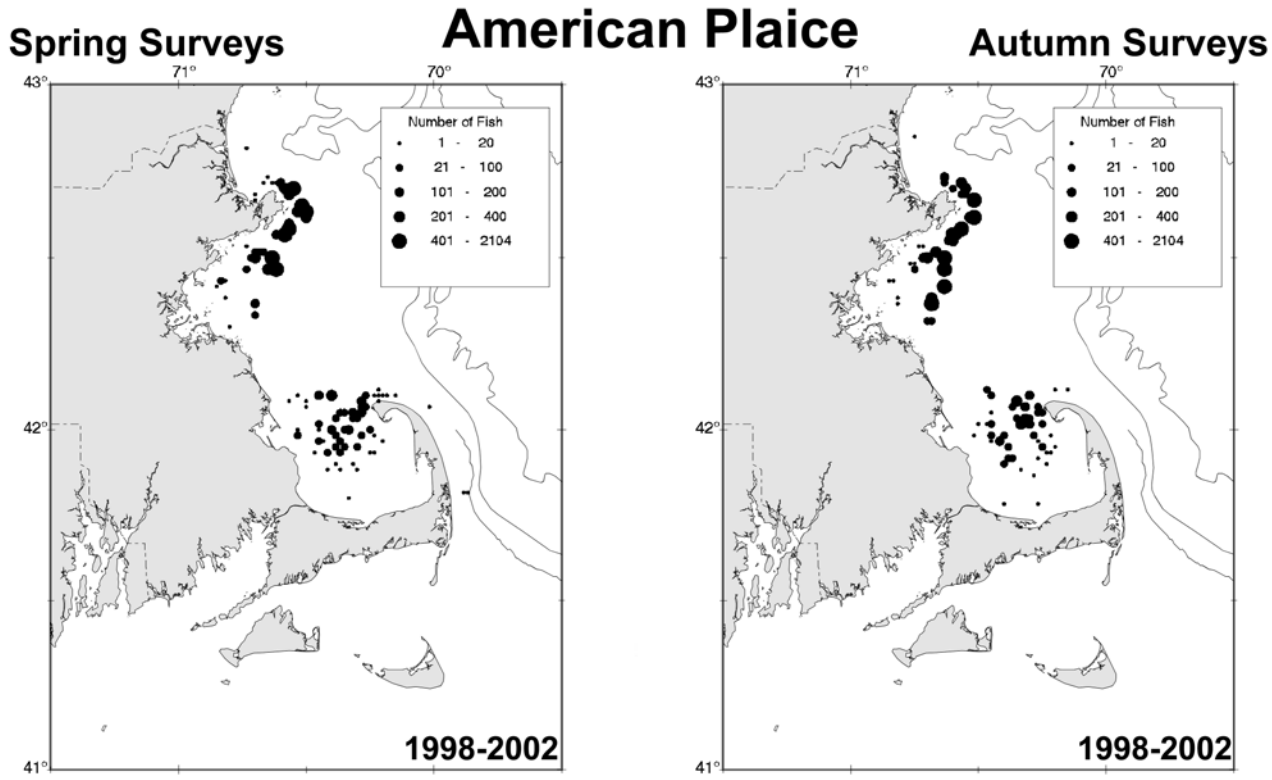

Figure D8c. Distribution of American plaice in the Massachusetts inshore spring and autumn bottom trawl surveys from 1998-2002.

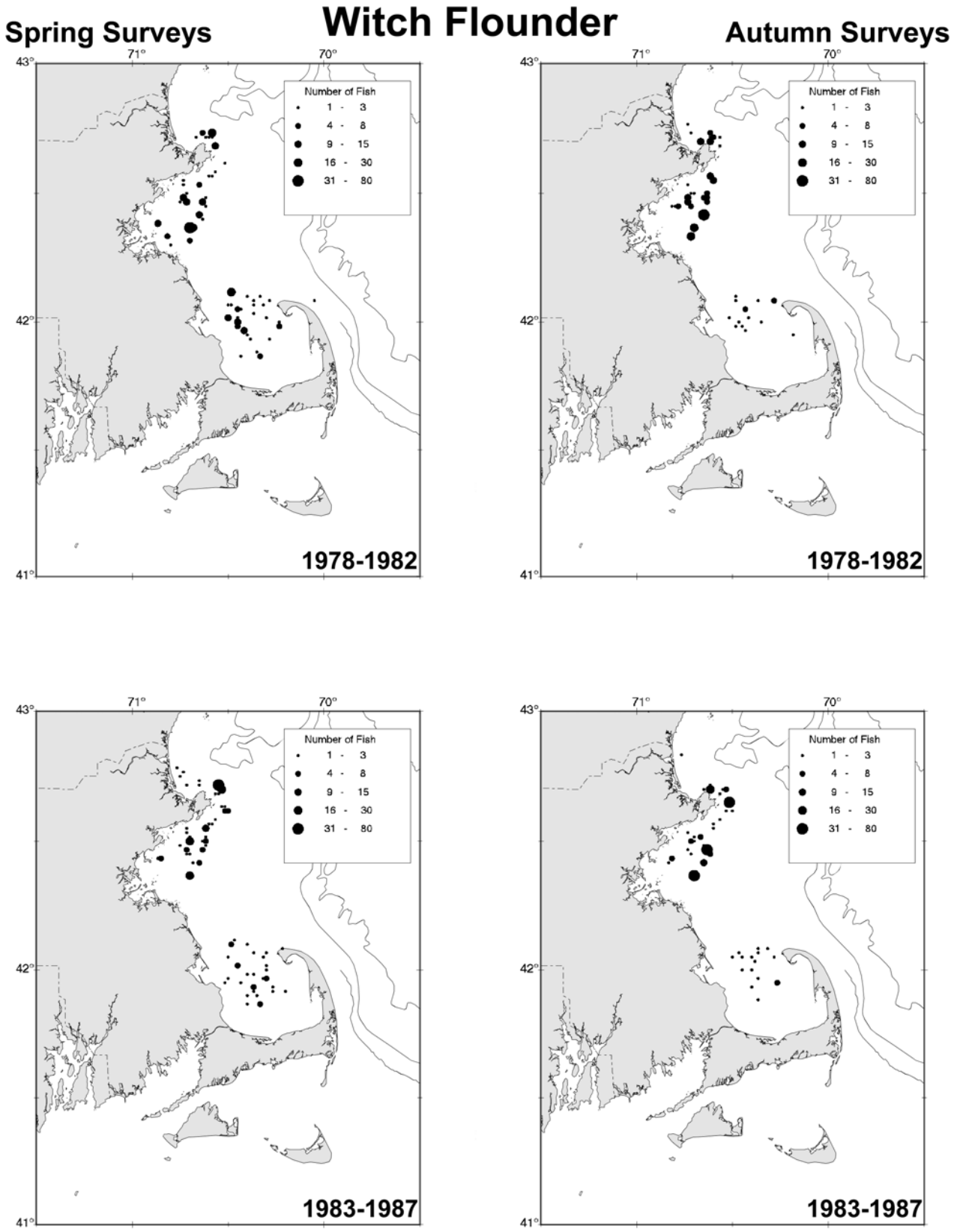

Figure D9a. Distribution of witch flounder in the Massachusetts inshore spring and autumn bottom trawl surveys from 1978-1987.

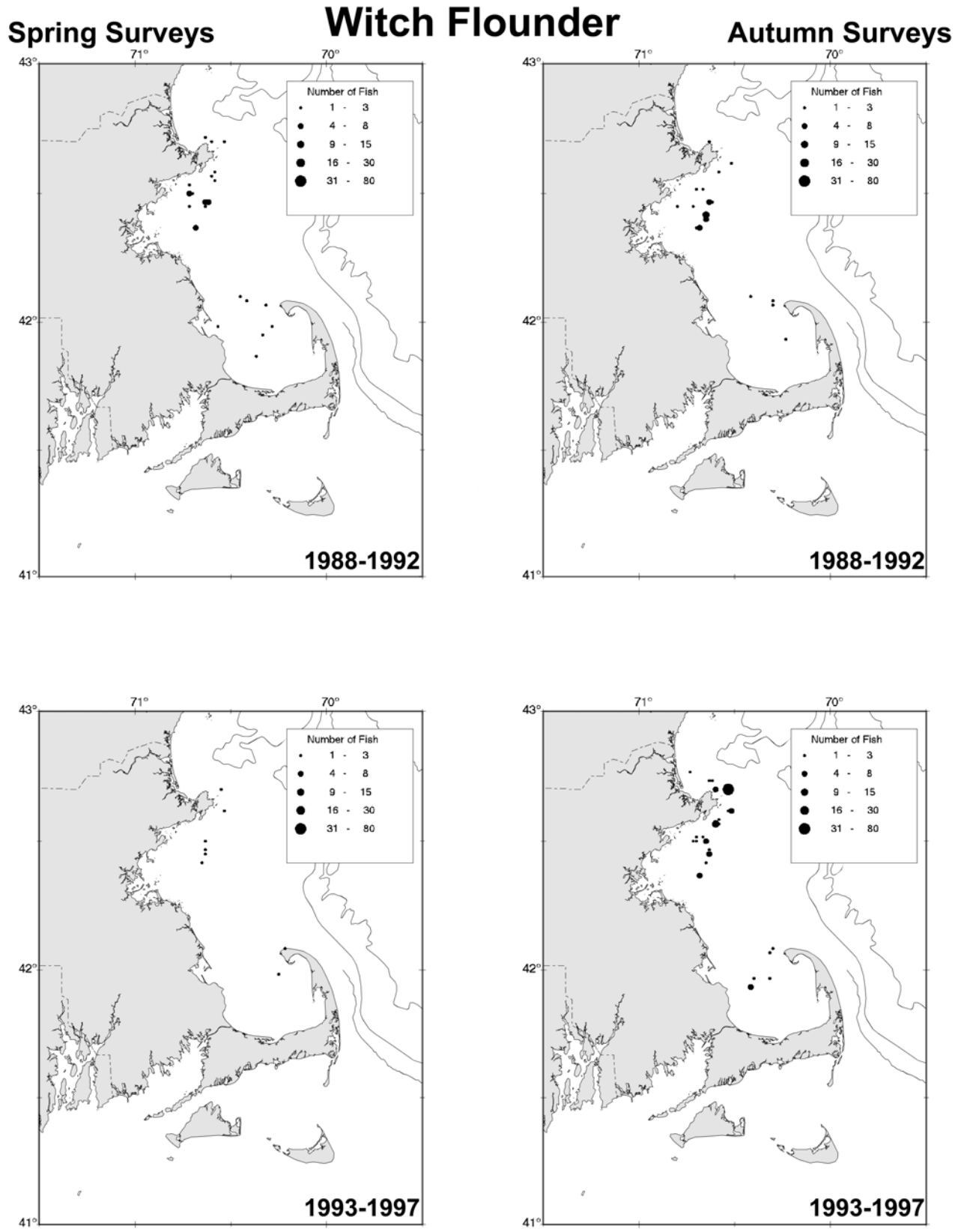

Figure D9b. Distribution of witch flounder in the Massachusetts inshore spring and autumn bottom trawl surveys from 1988-1997.

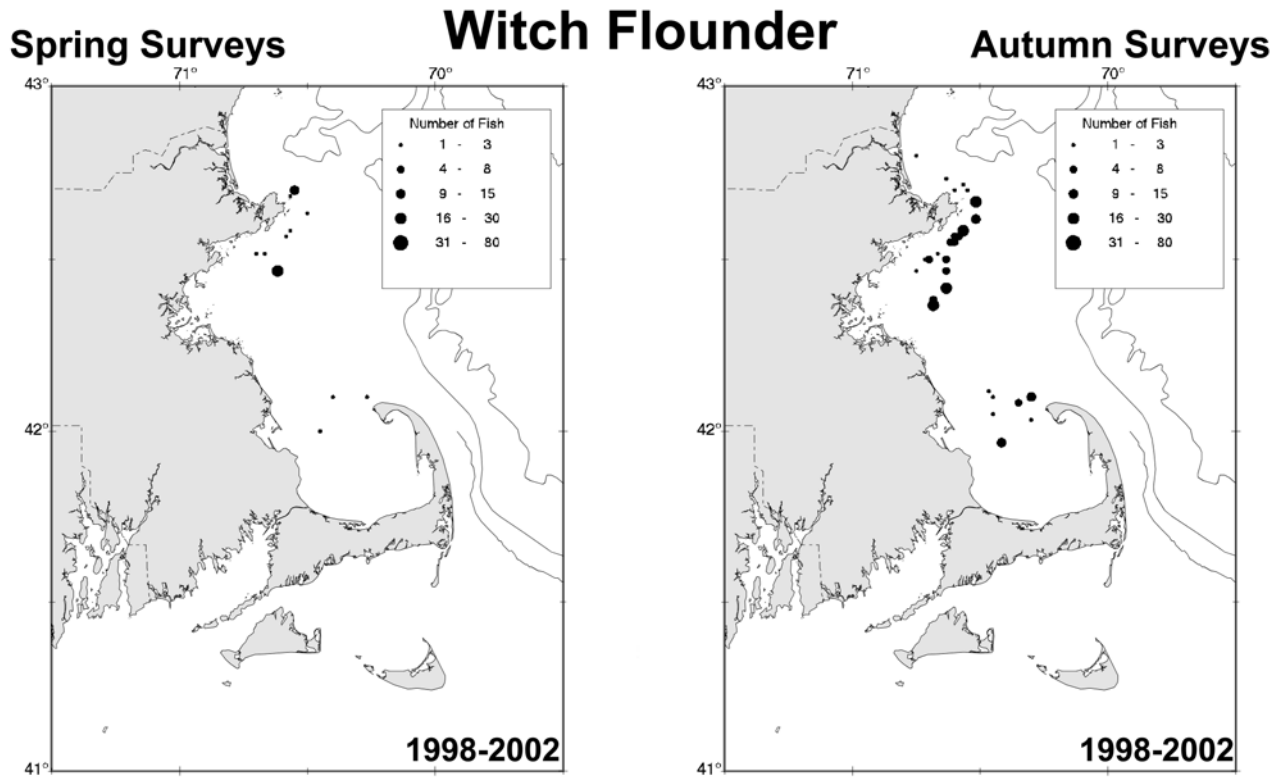

Figure D9c. Distribution of witch flounder in the Massachusetts inshore spring and autumn bottom trawl surveys from 1998-2002.

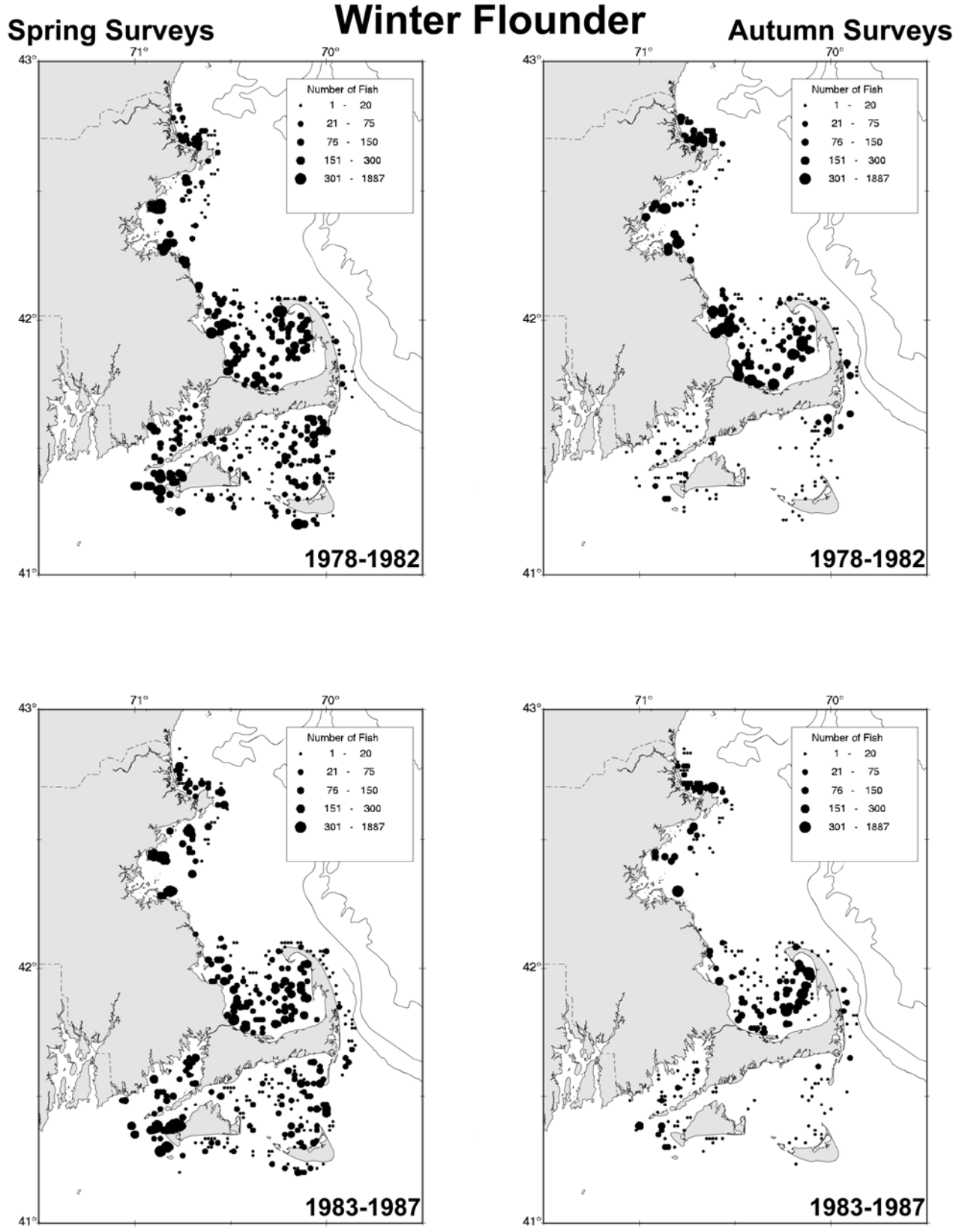

Figure D10a. Distribution of winter flounder in the Massachusetts inshore spring and autumn bottom trawl surveys from 1978-1987.

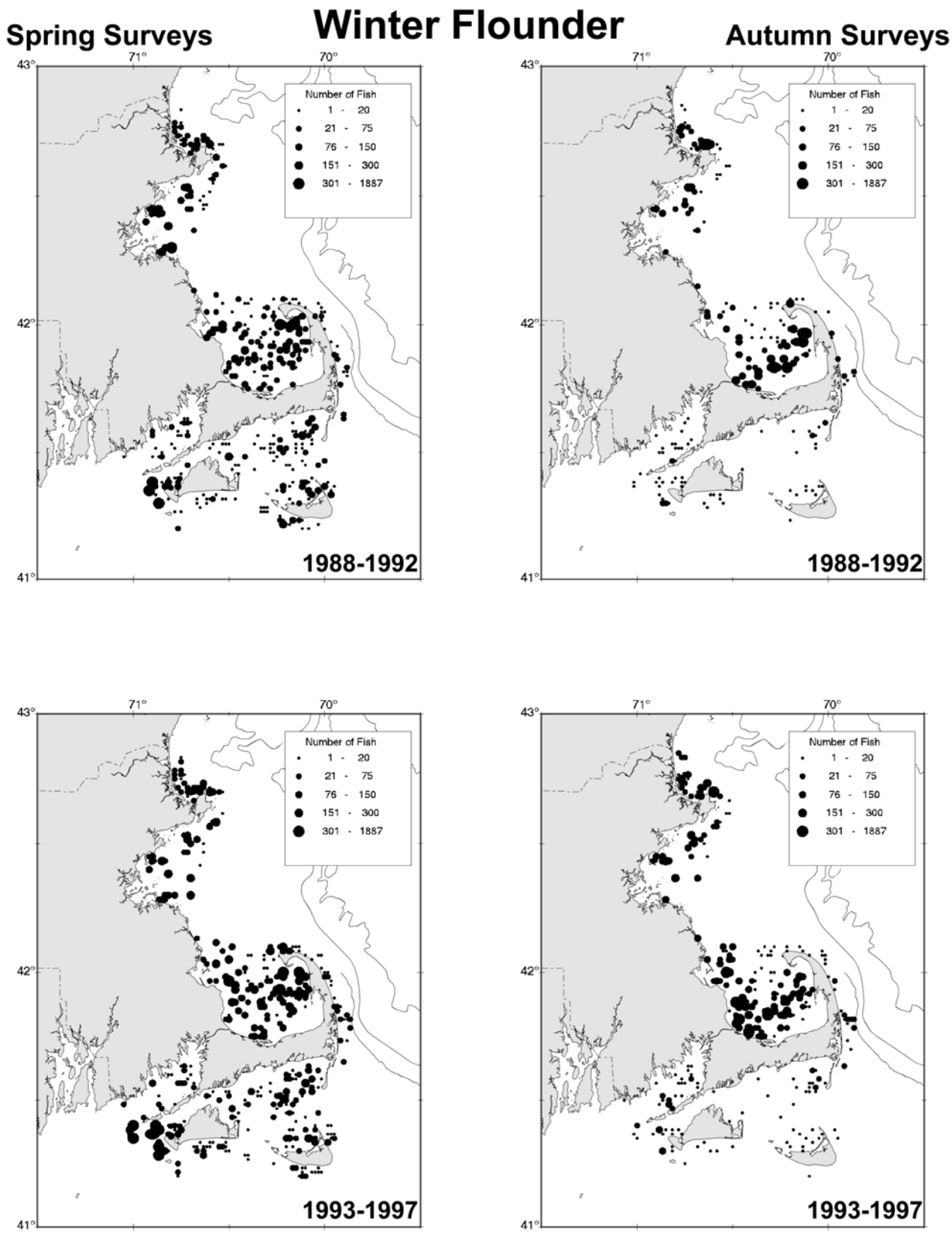

Figure D10b. Distribution of winter flounder in the Massachusetts inshore spring and autumn bottom trawl surveys from 1988-1997.

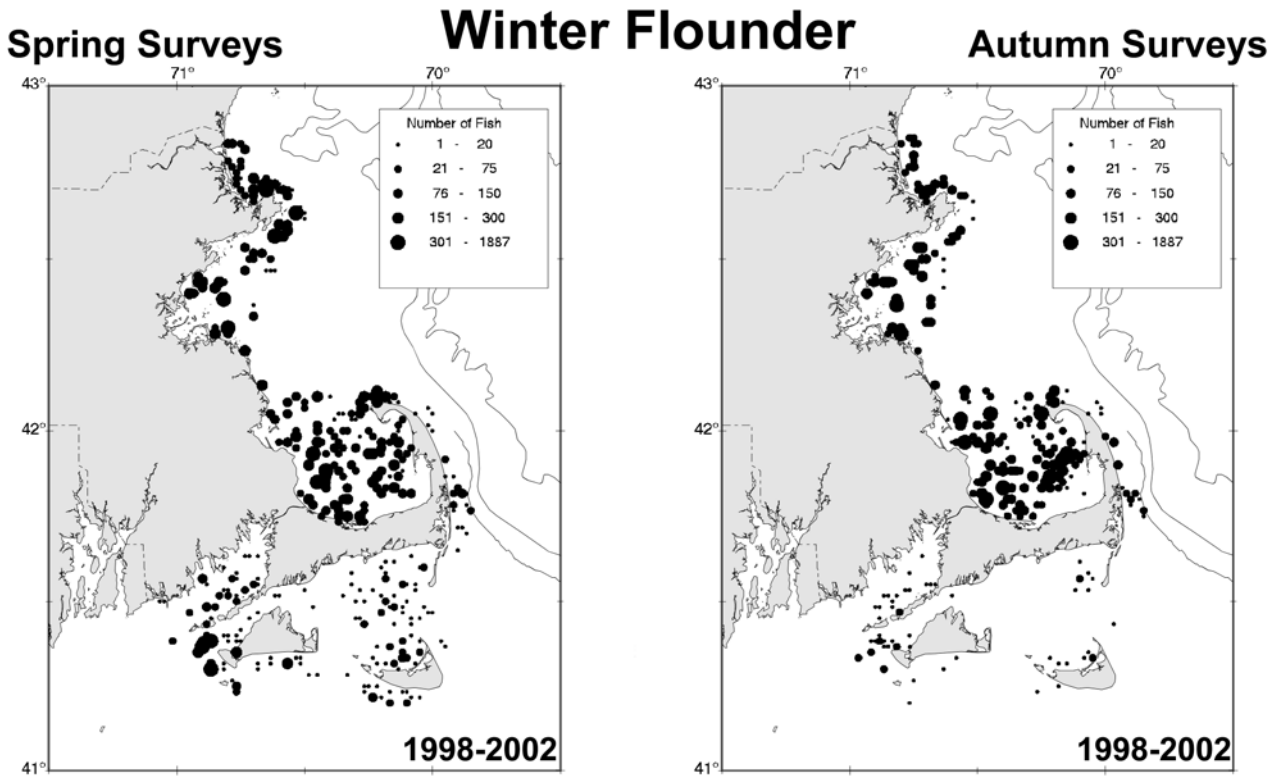

Figure D10c. Distribution of winter flounder in the Massachusetts inshore spring and autumn bottom trawl surveys from 1998-2002.

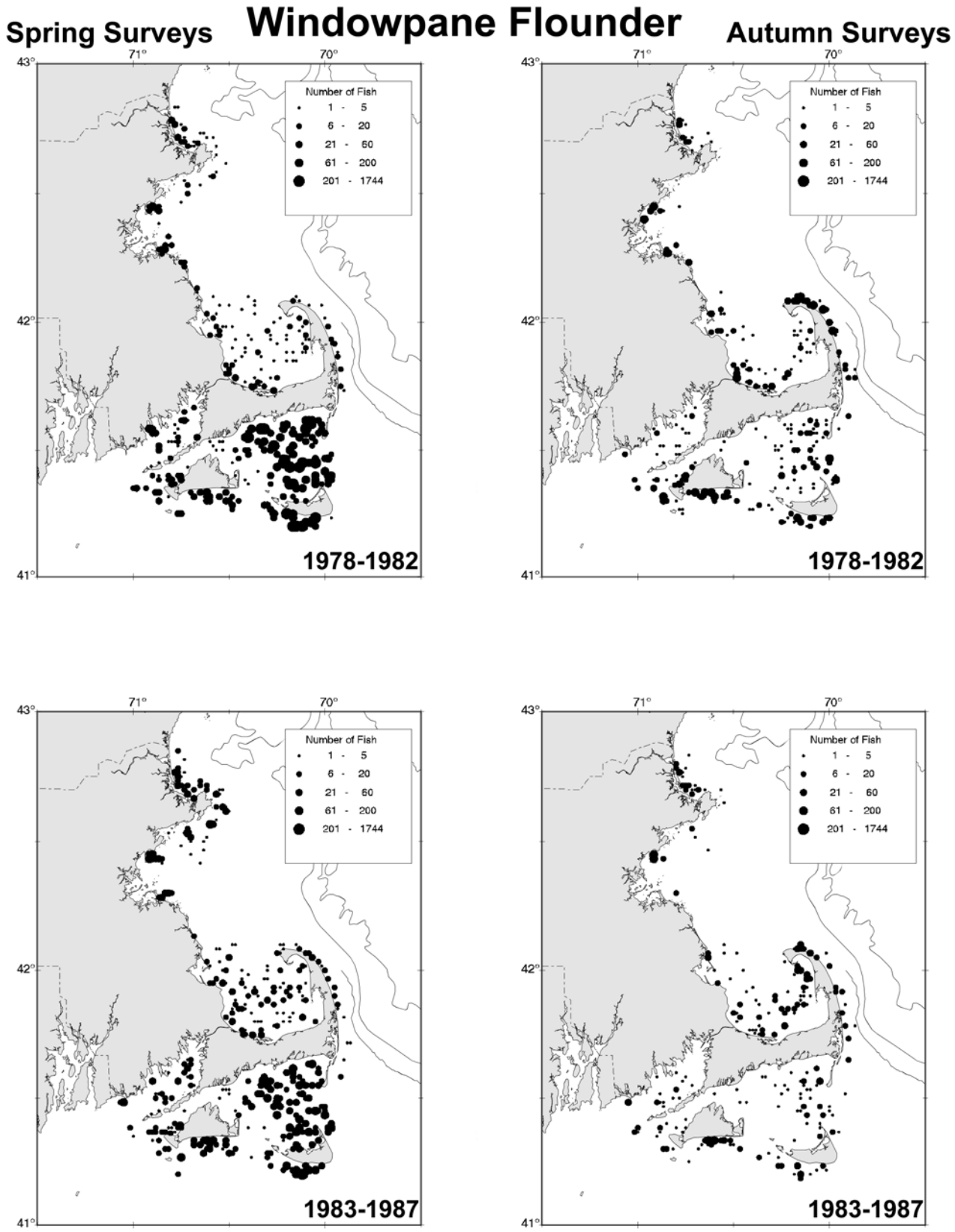

Figure D11a. Distribution of windowpane flounder in the Massachusetts inshore spring and autumn bottom trawl surveys from 1978-1987.

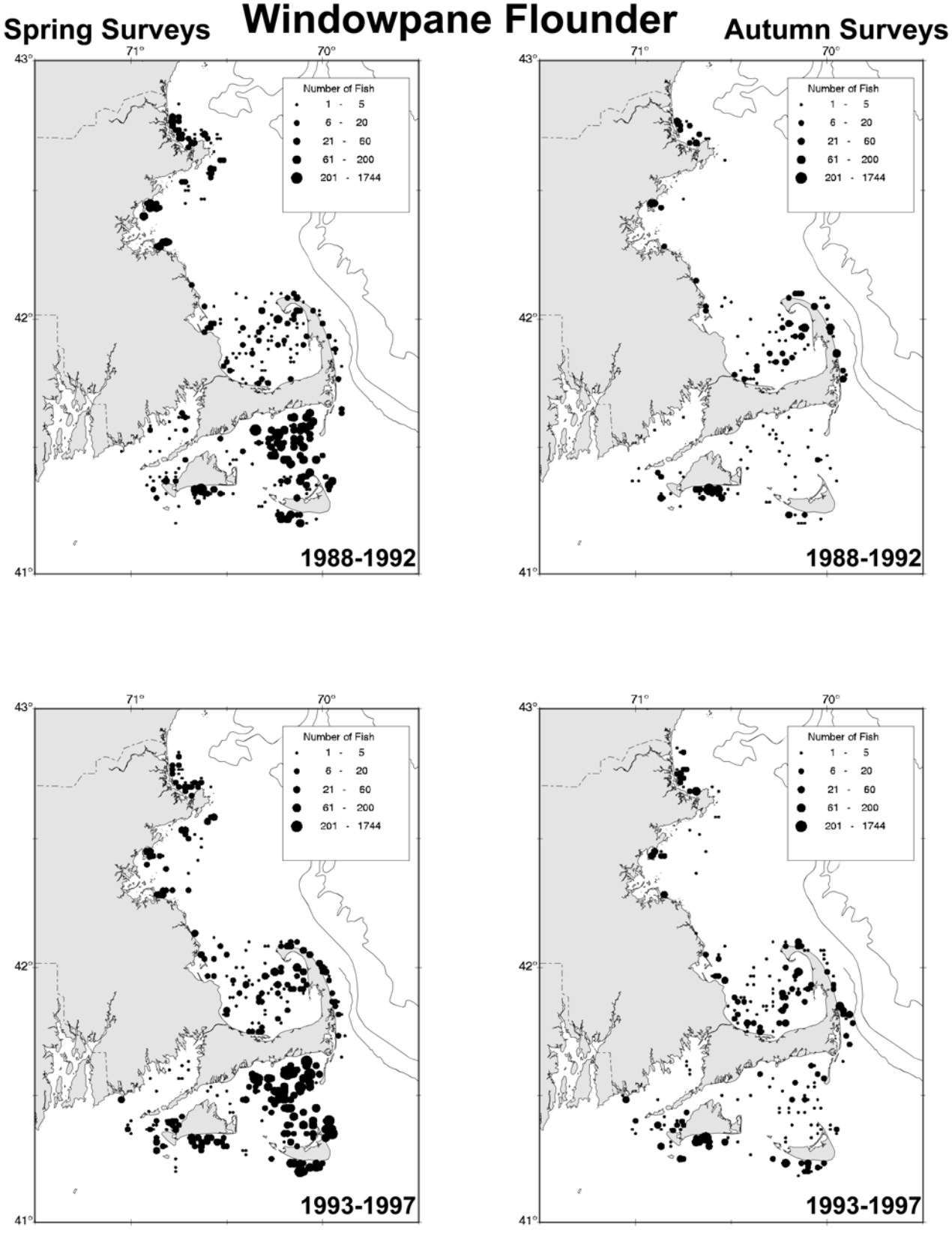

Figure D11b. Distribution of windowpane flounder in the Massachusetts inshore spring and autumn bottom trawl surveys from 1988-1997.

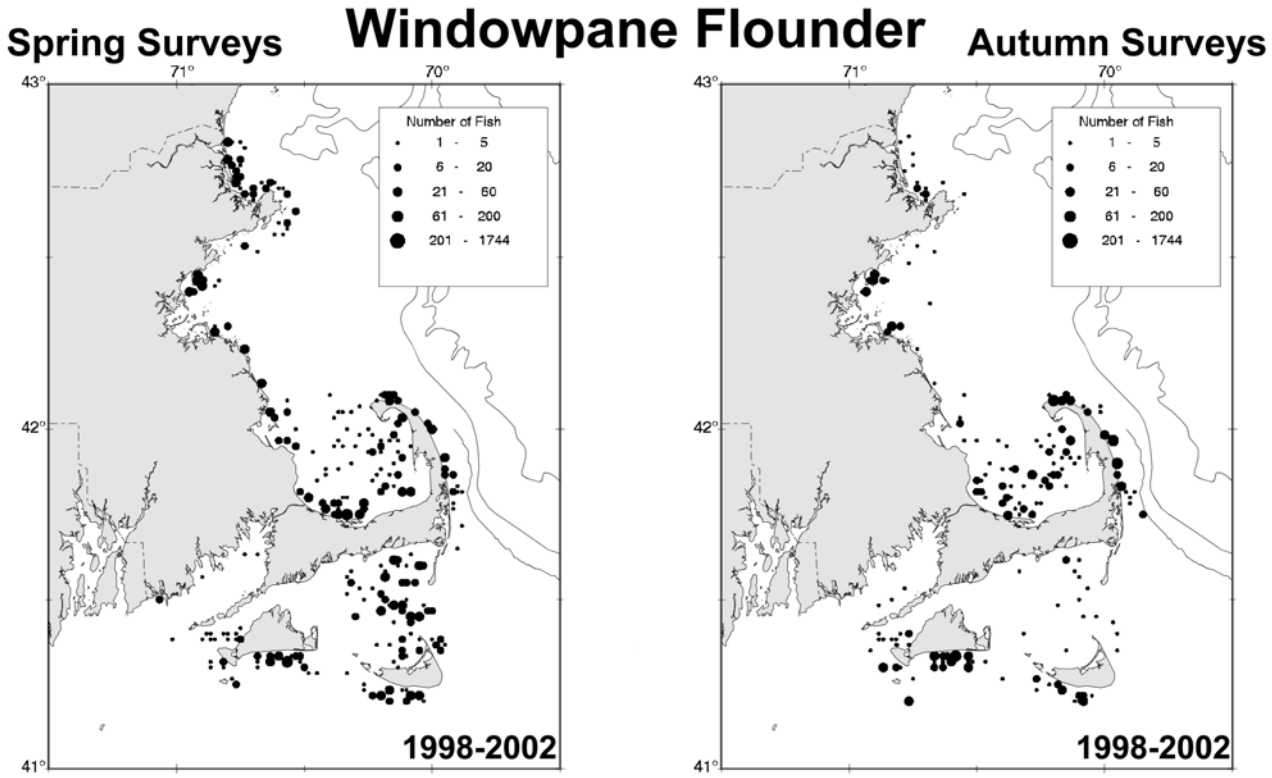

Figure D11c. Distribution of windowpane flounder in the Massachusetts inshore spring and autumn bottom trawl surveys from 1998-2002.

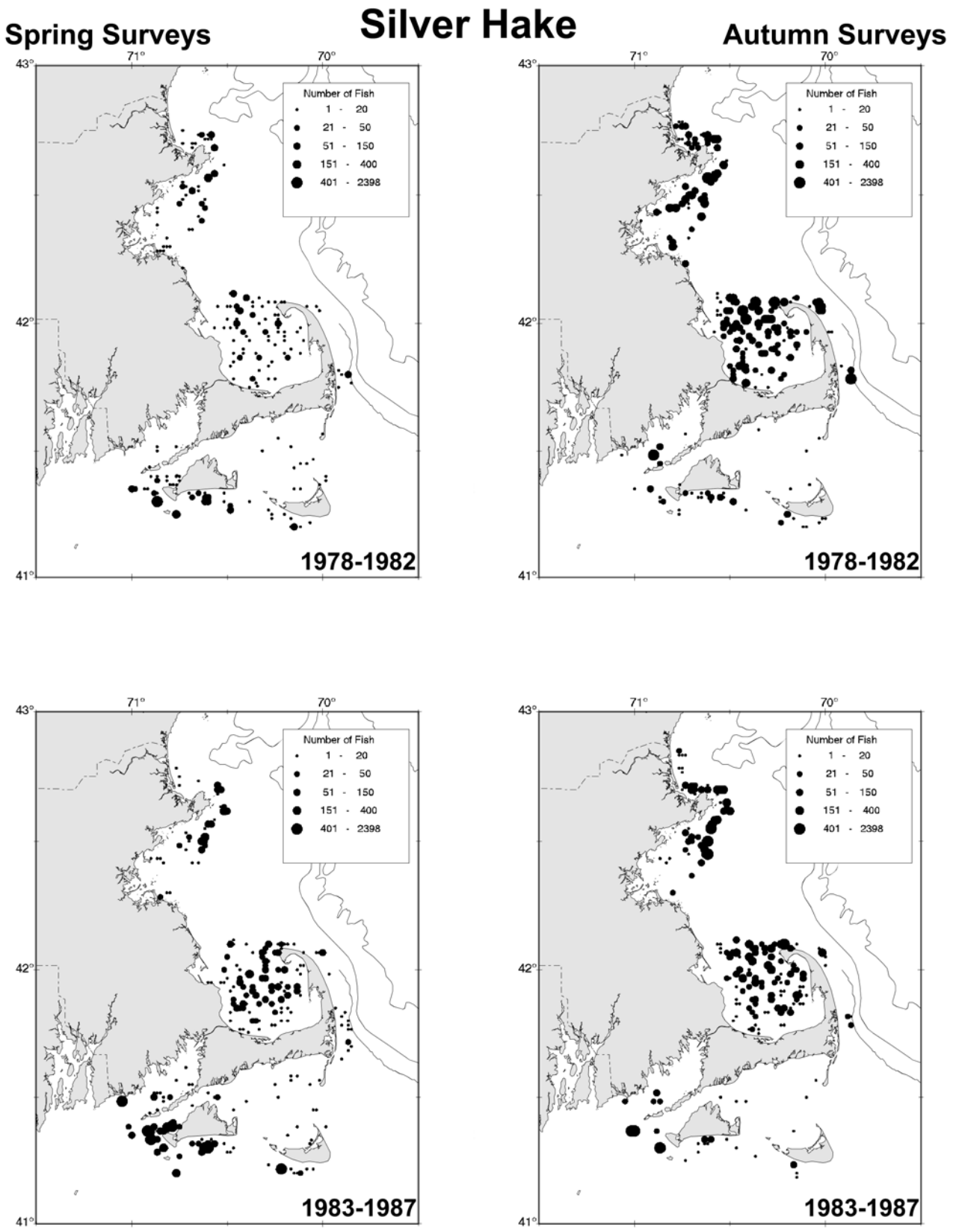

Figure D12a. Distribution of silver hake in the Massachusetts inshore spring and autumn bottom trawl surveys from 1978-1987.

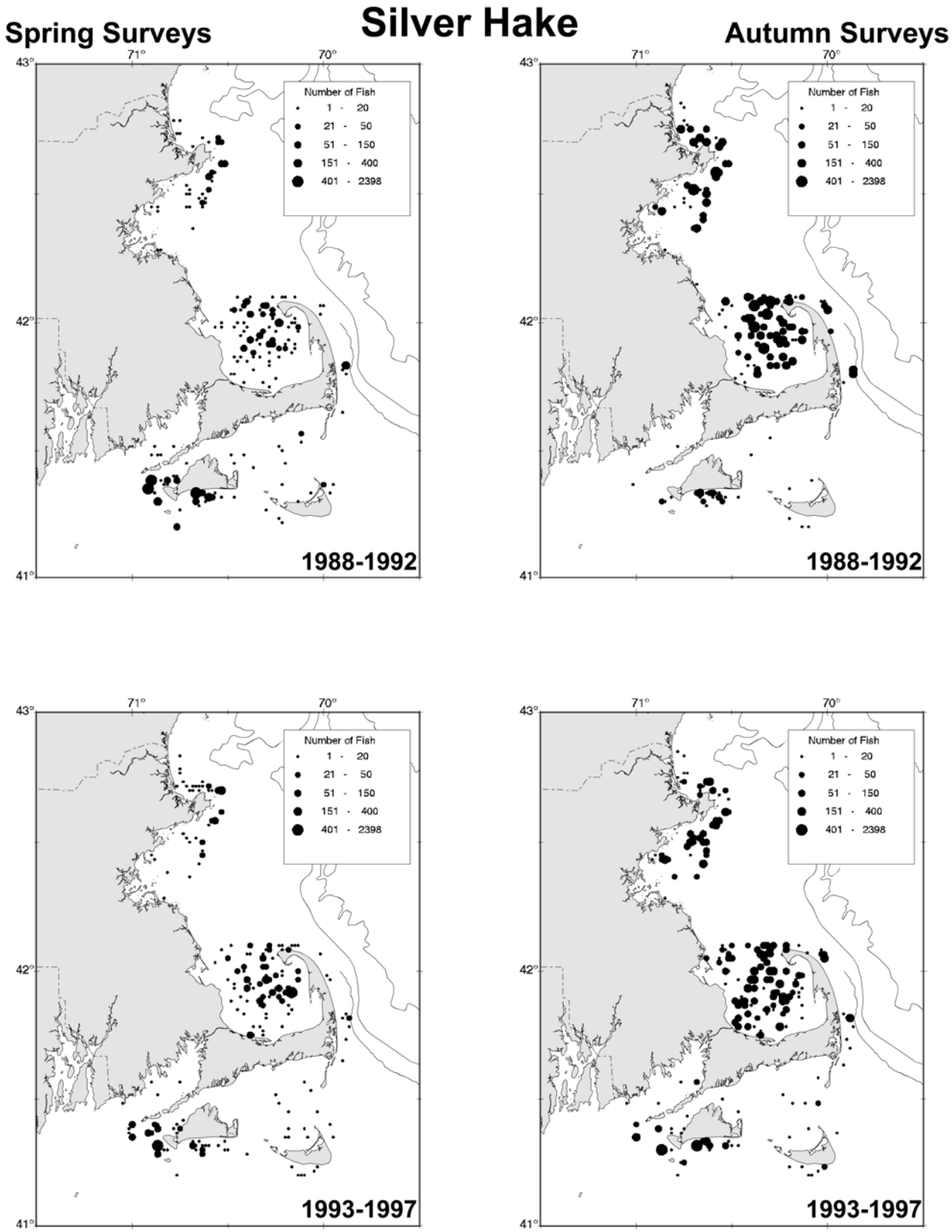

Figure D12b. Distribution of silver hake in the Massachusetts inshore spring and autumn bottom trawl surveys from 1988-1997.

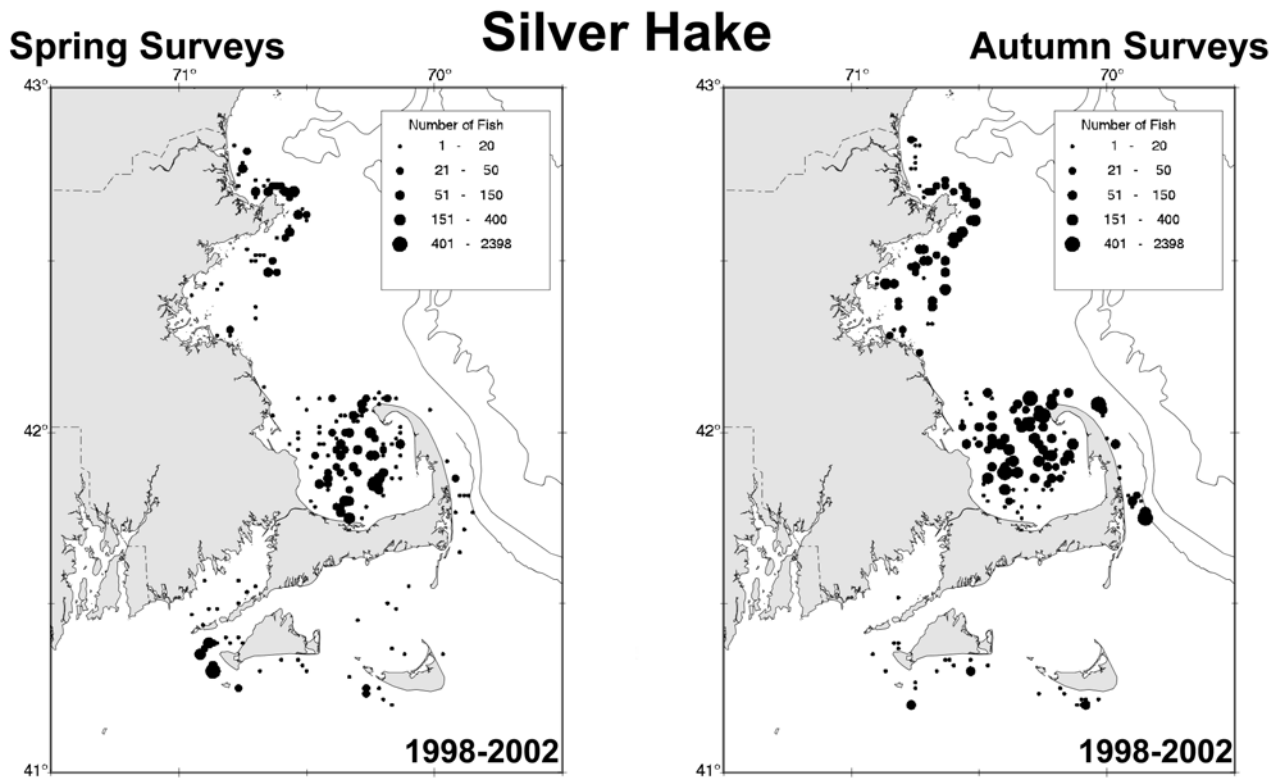

Figure D12c. Distribution of silver hake in the Massachusetts inshore spring and autumn bottom trawl surveys from 1998-2002.

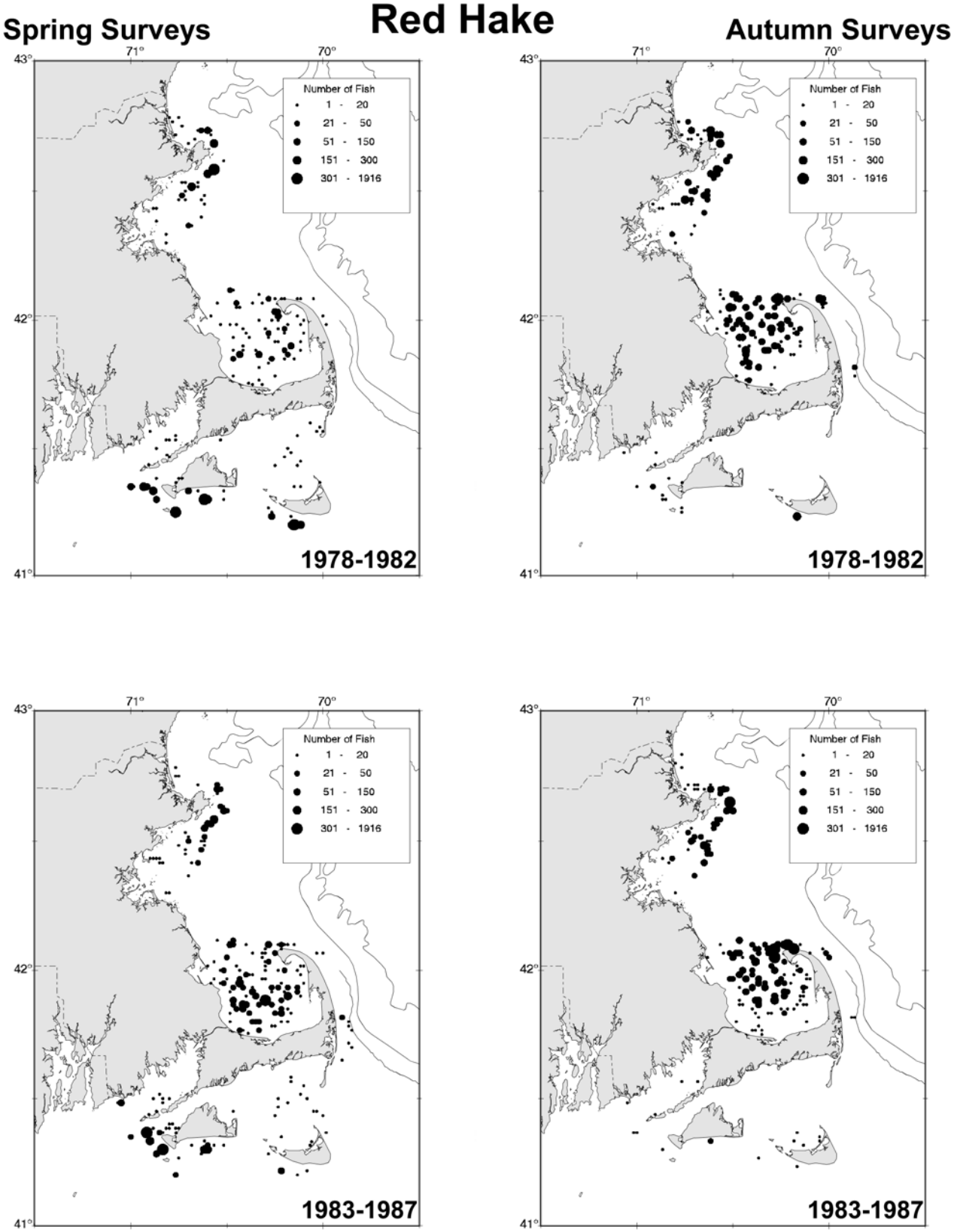

Figure D13a. Distribution of red hake in the Massachusetts inshore spring and autumn bottom trawl surveys from 1978-1987.

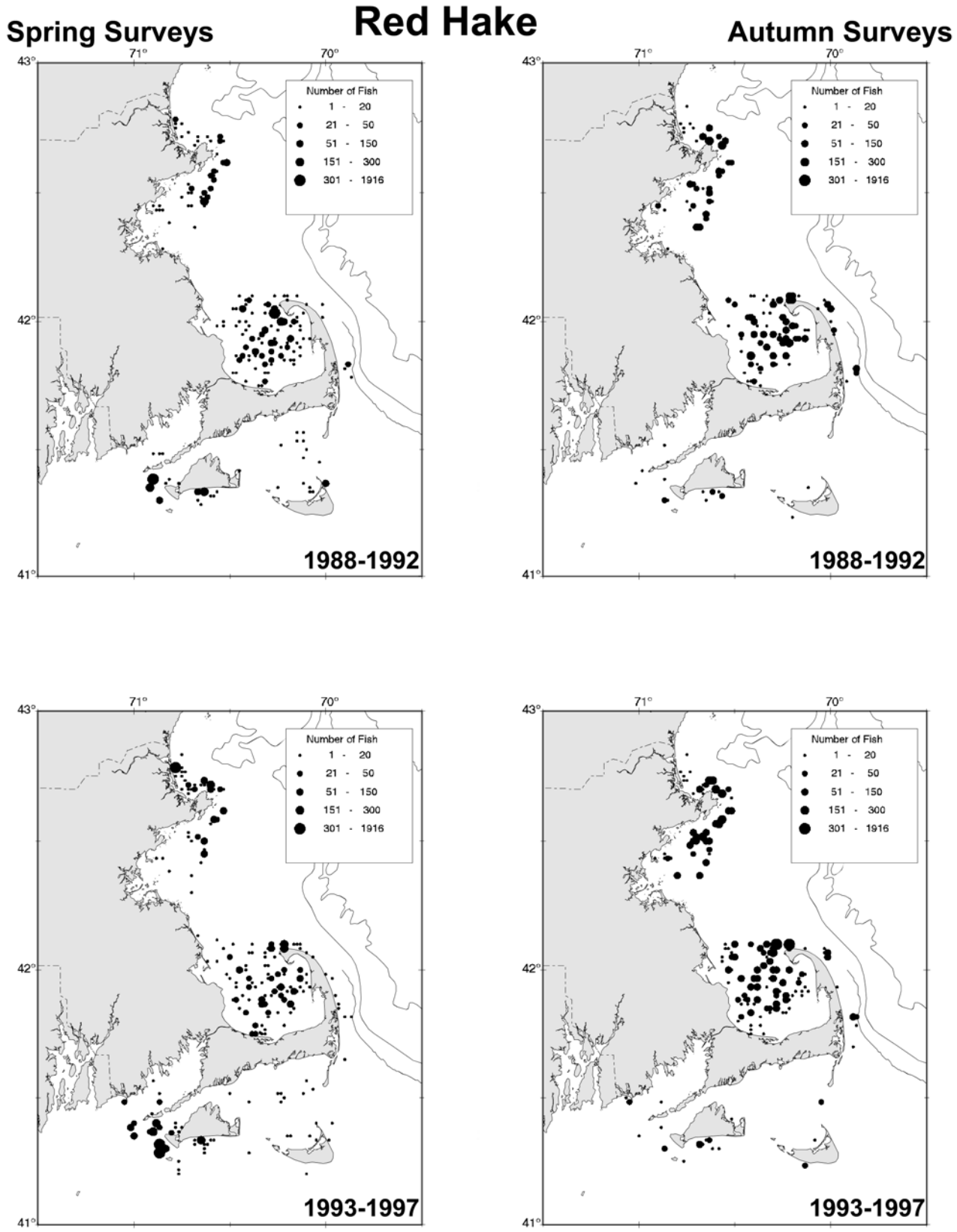

Figure D13b. Distribution of red hake in the Massachusetts inshore spring and autumn bottom trawl surveys from 1988-1997.

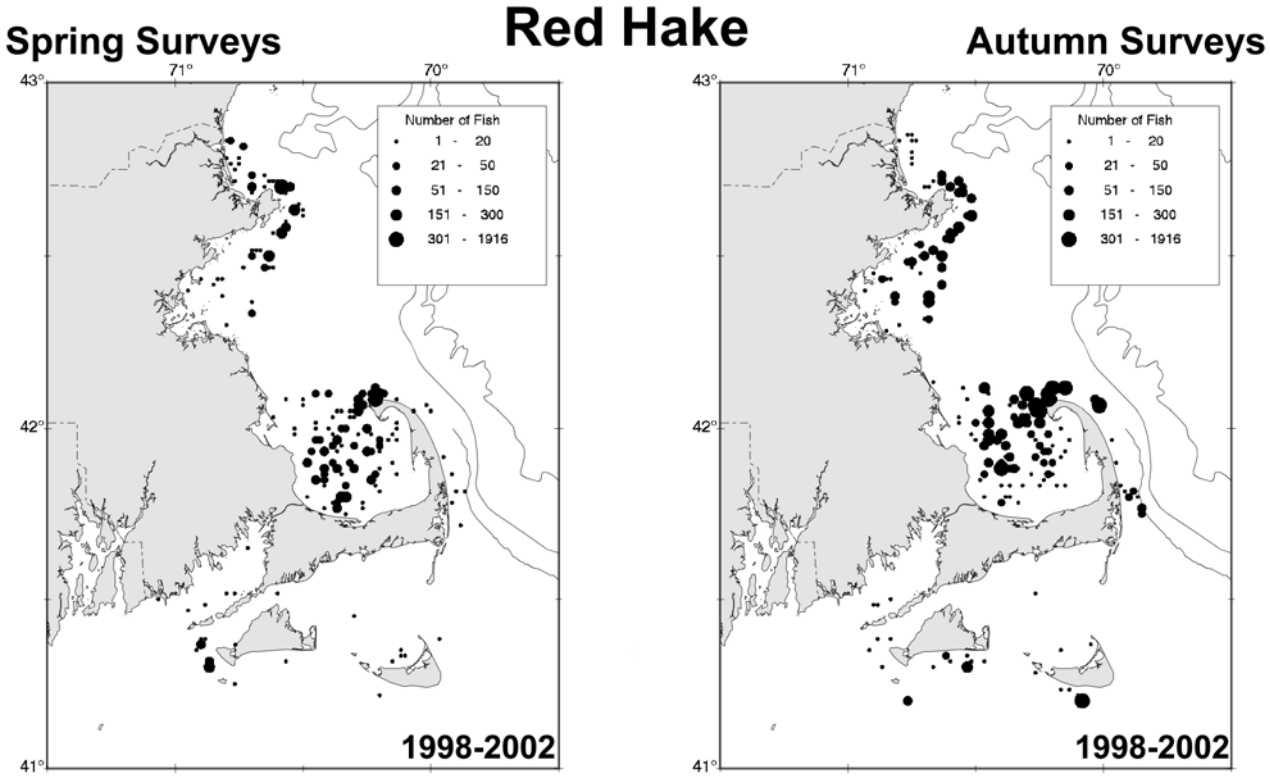

Figure D13c. Distribution of red hake in the Massachusetts inshore spring and autumn bottom trawl surveys from 1998-2002.

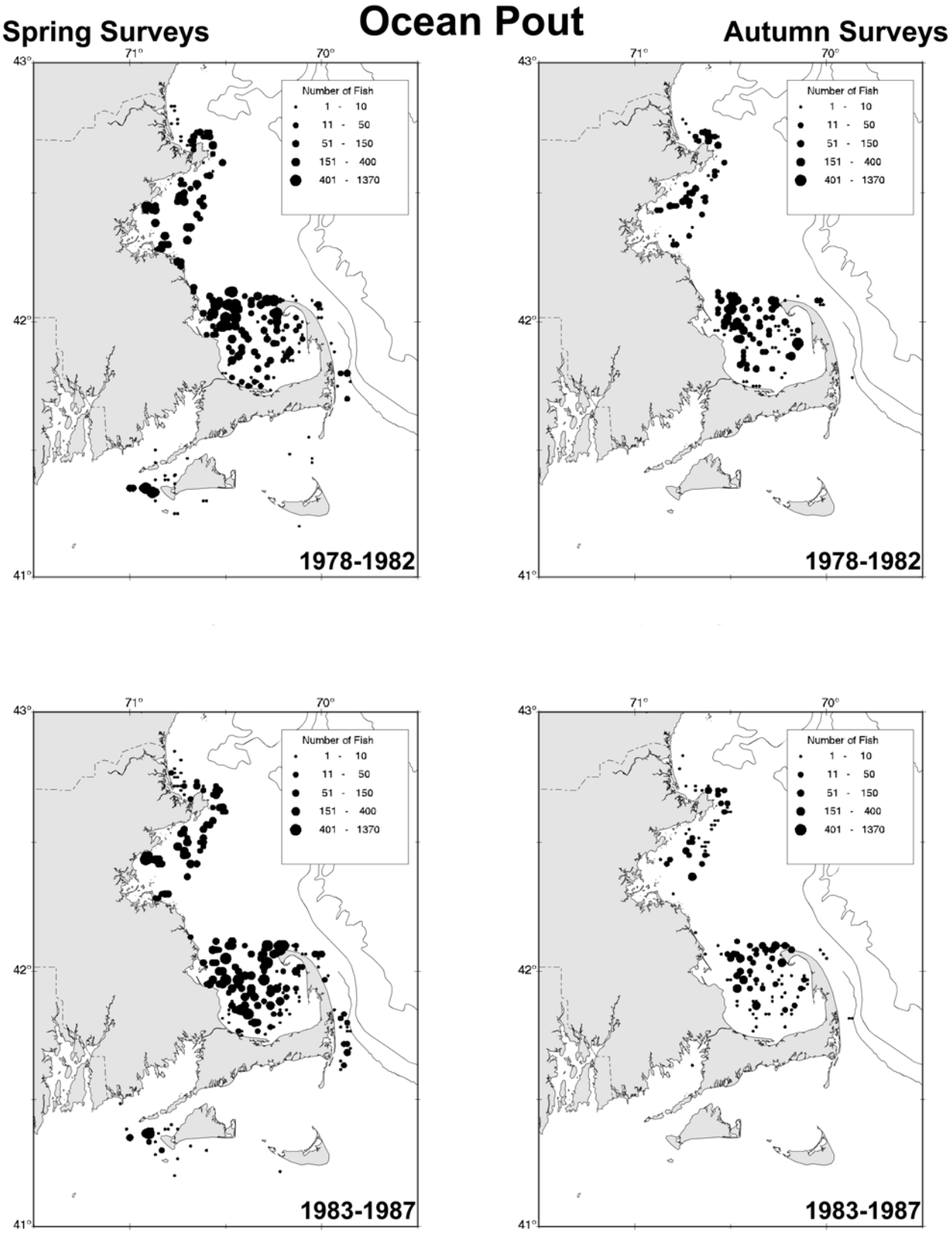

Figure D14a. Distribution of ocean pout in the Massachusetts inshore spring and autumn bottom trawl surveys from 1978-1987.

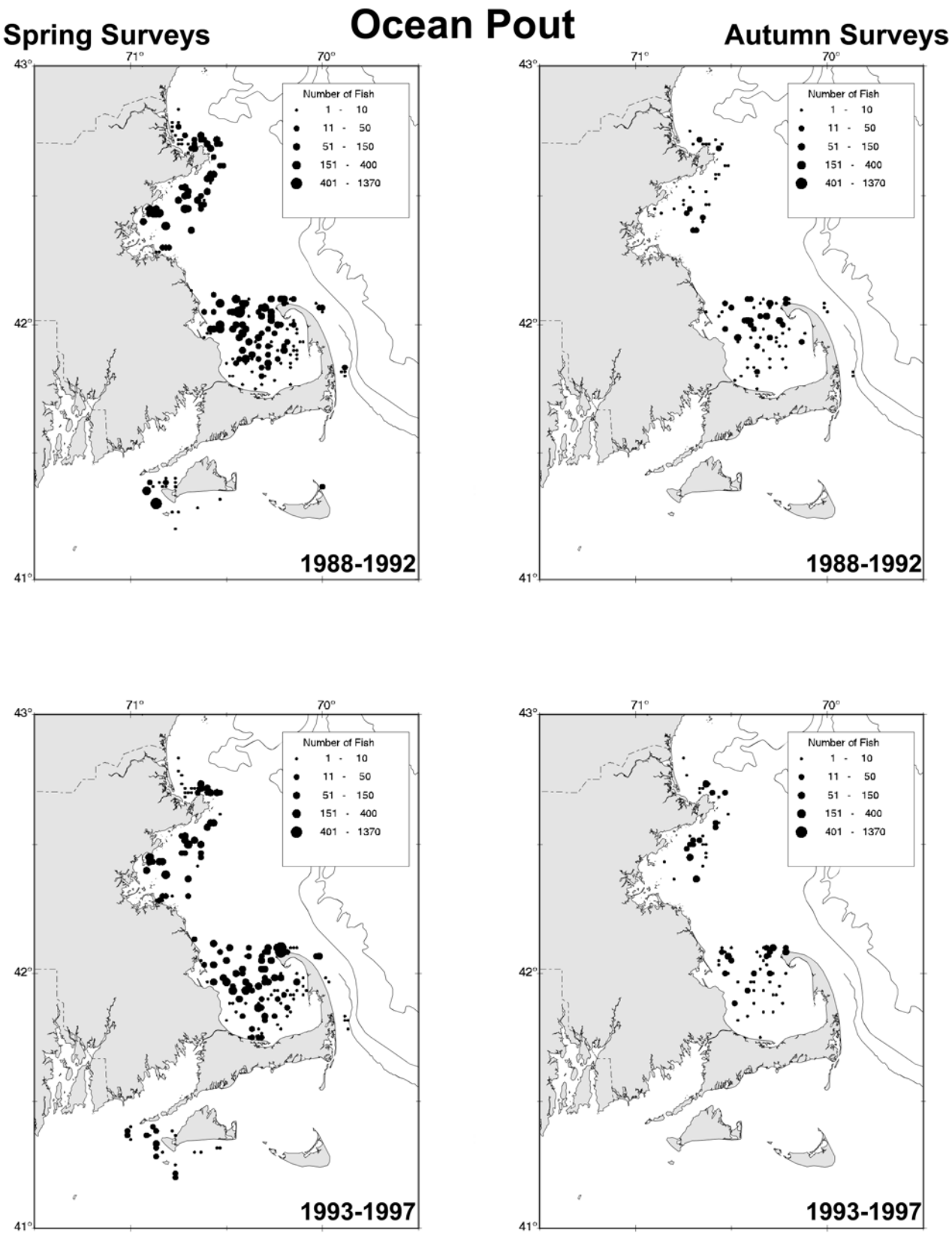

Figure D14b. Distribution of ocean pout in the Massachusetts inshore spring and autumn bottom trawl surveys from 1988-1997.

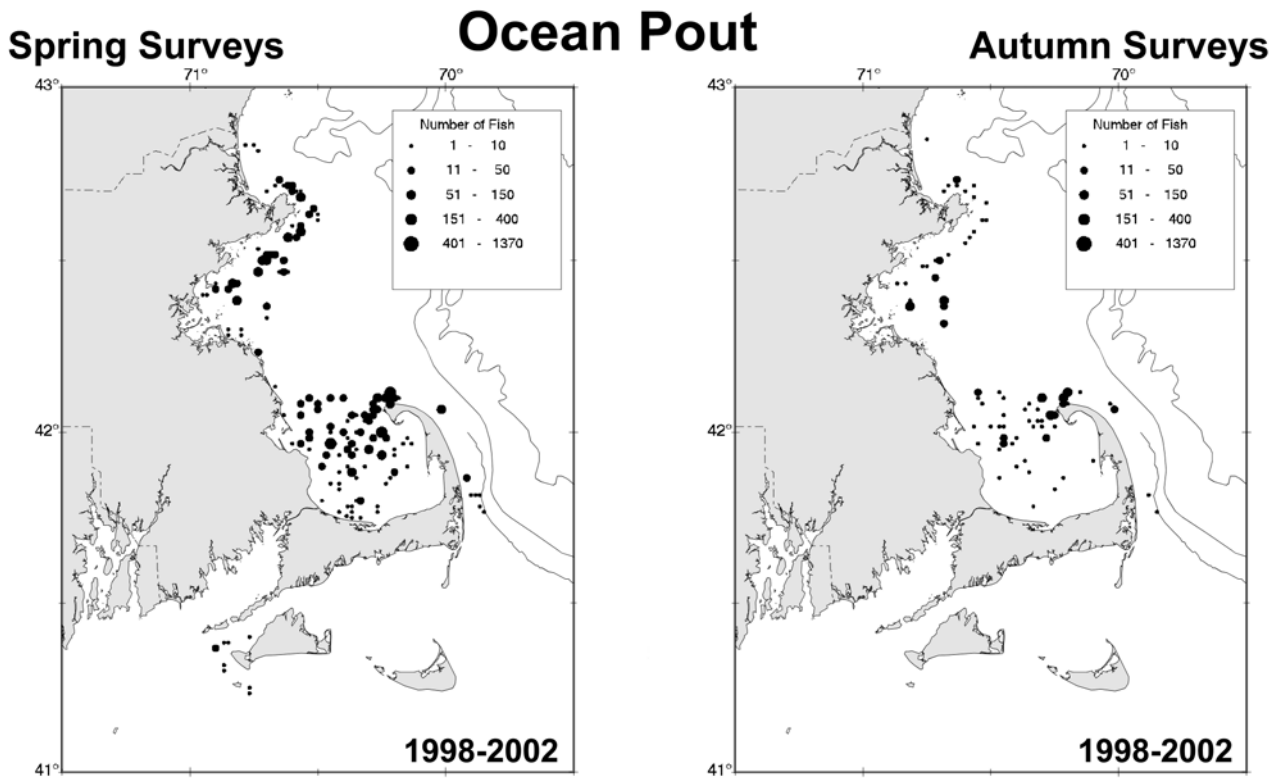

Figure D14c. Distribution of ocean pout in the Massachusetts inshore spring and autumn bottom trawl surveys from 1998-2002.

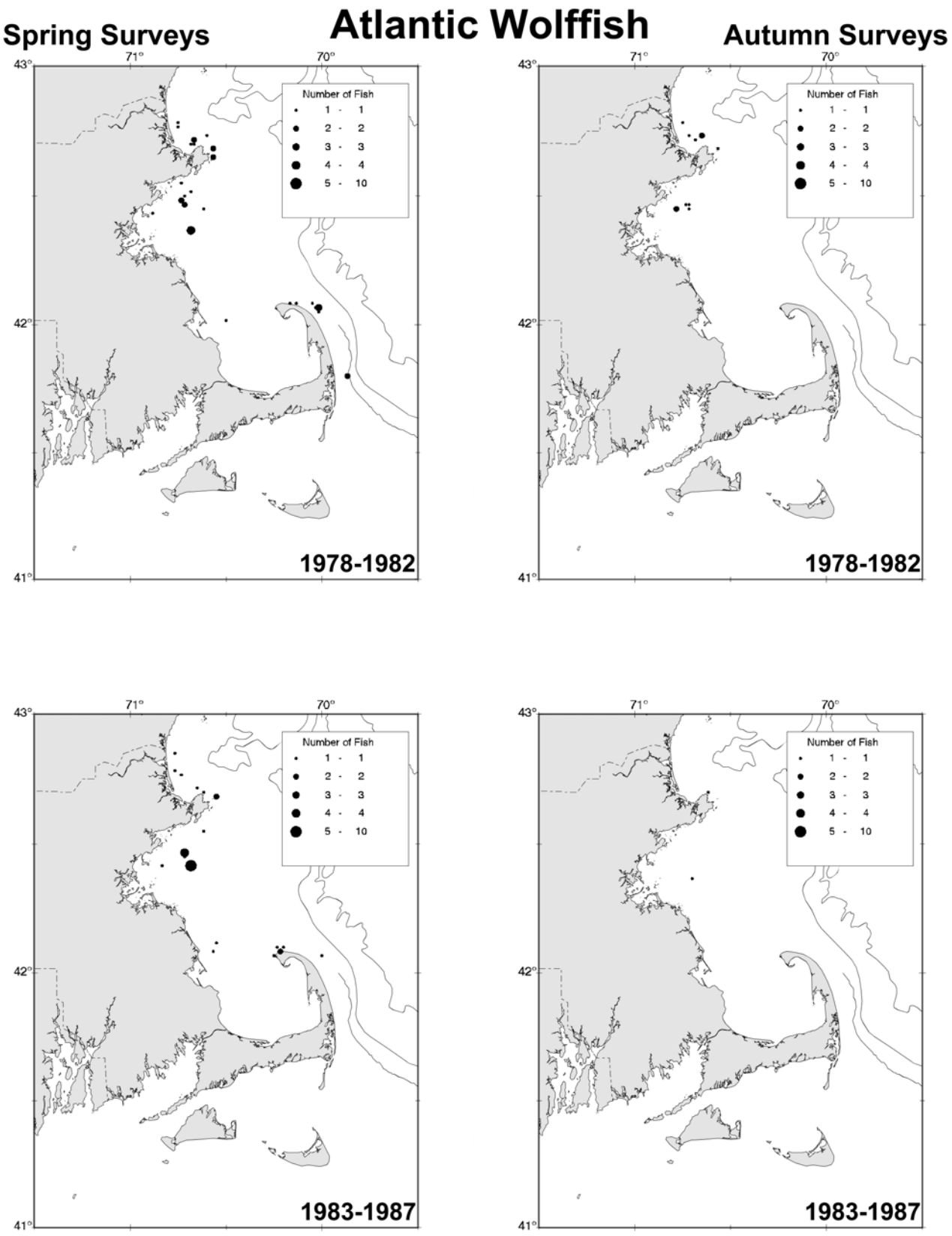

Figure D15a. Distribution of Atlantic wolffish in the Massachusetts inshore spring and autumn bottom trawl surveys from 1978-1987.

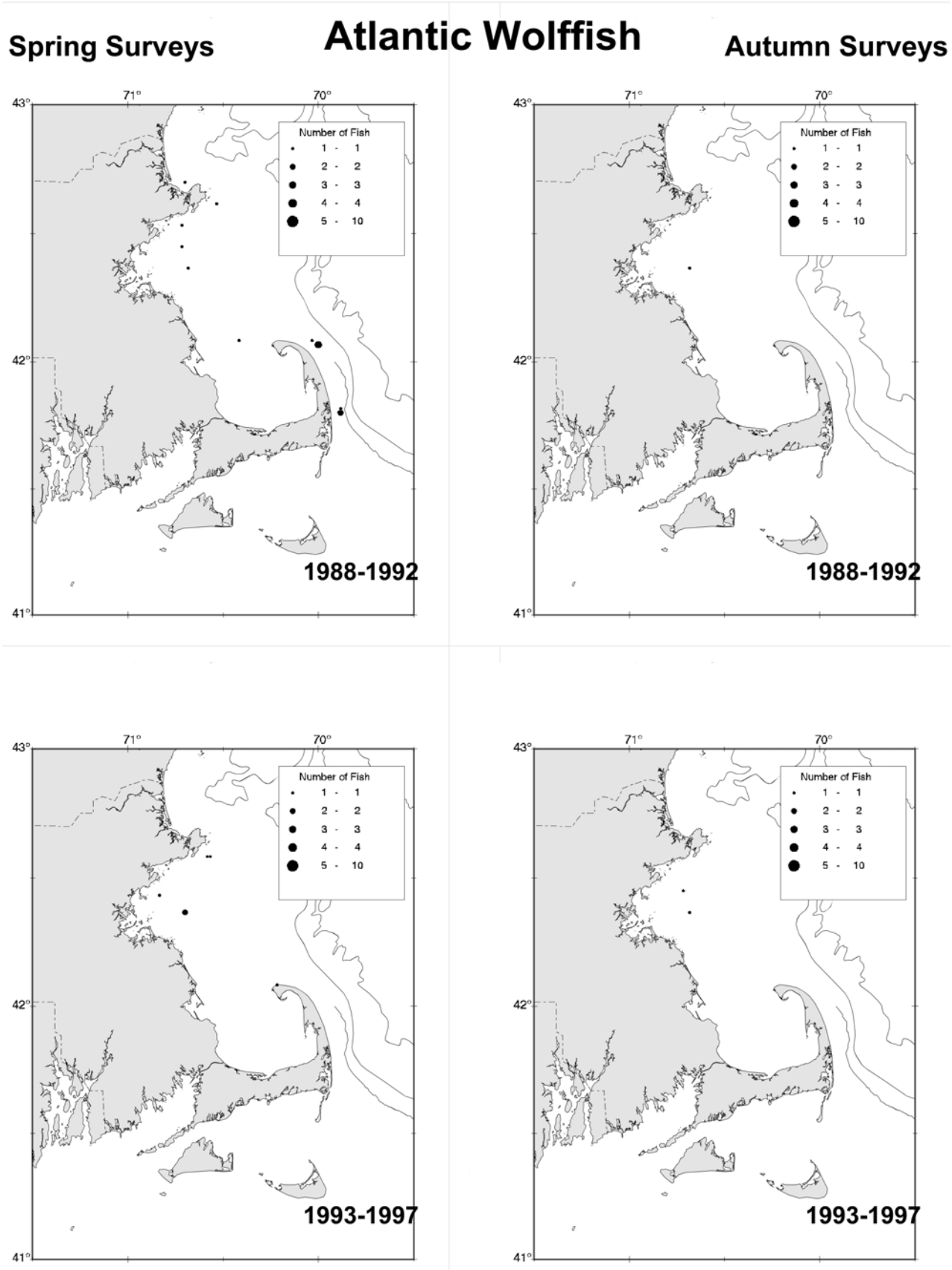

Figure D15b. Distribution of Atlantic wolffish in the Massachusetts inshore spring and autumn bottom trawl surveys from 1988-1997.

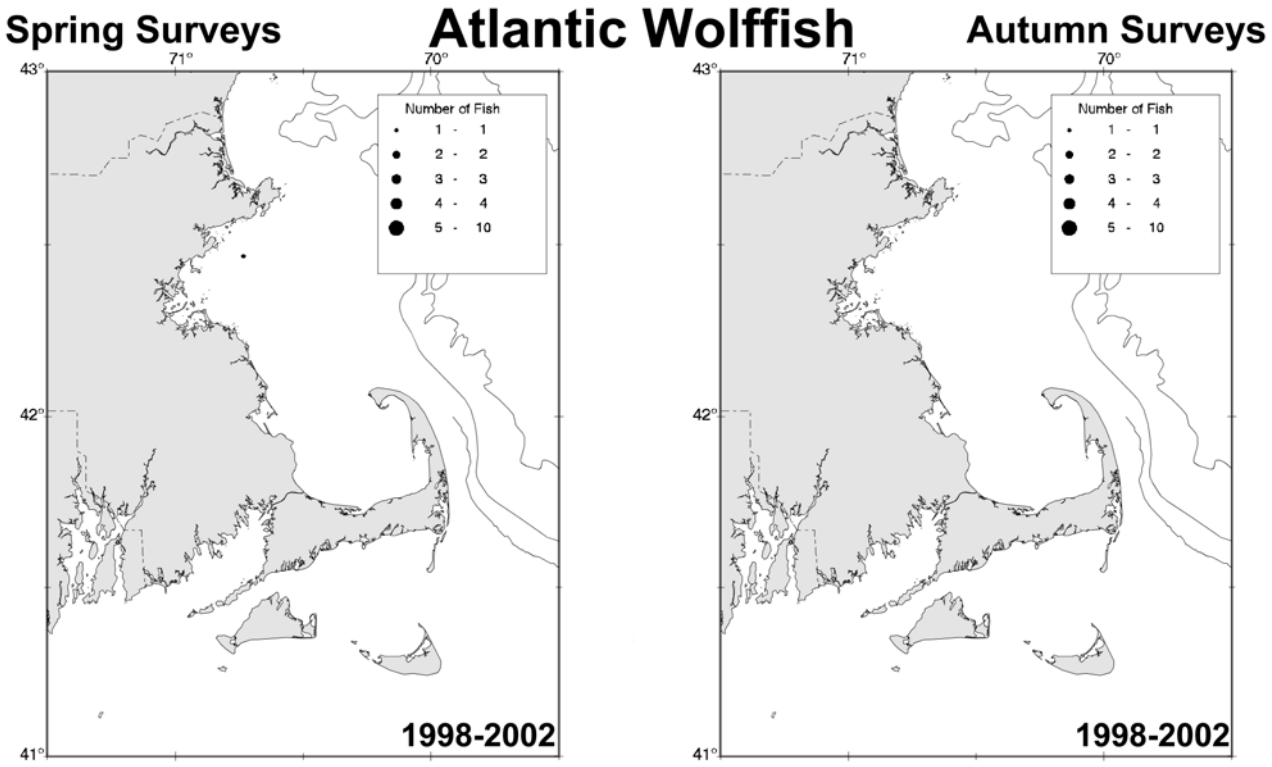

Figure D15c. Distribution of Atlantic wolffish in the Massachusetts inshore spring and autumn bottom trawl surveys from 1998-2002.

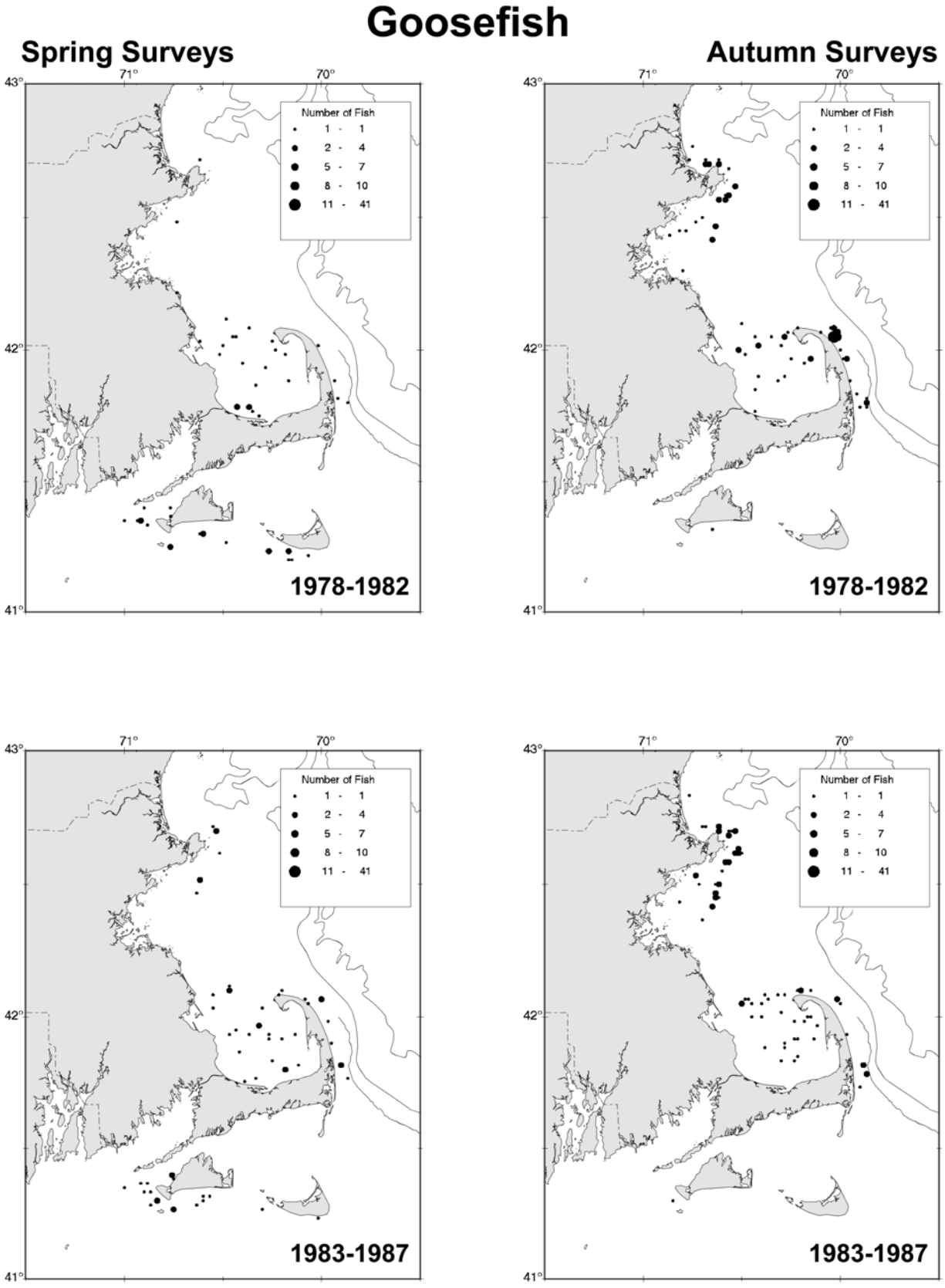

Figure D16a. Distribution of goosefish in the Massachusetts inshore spring and autumn bottom trawl surveys from 1978-1987.

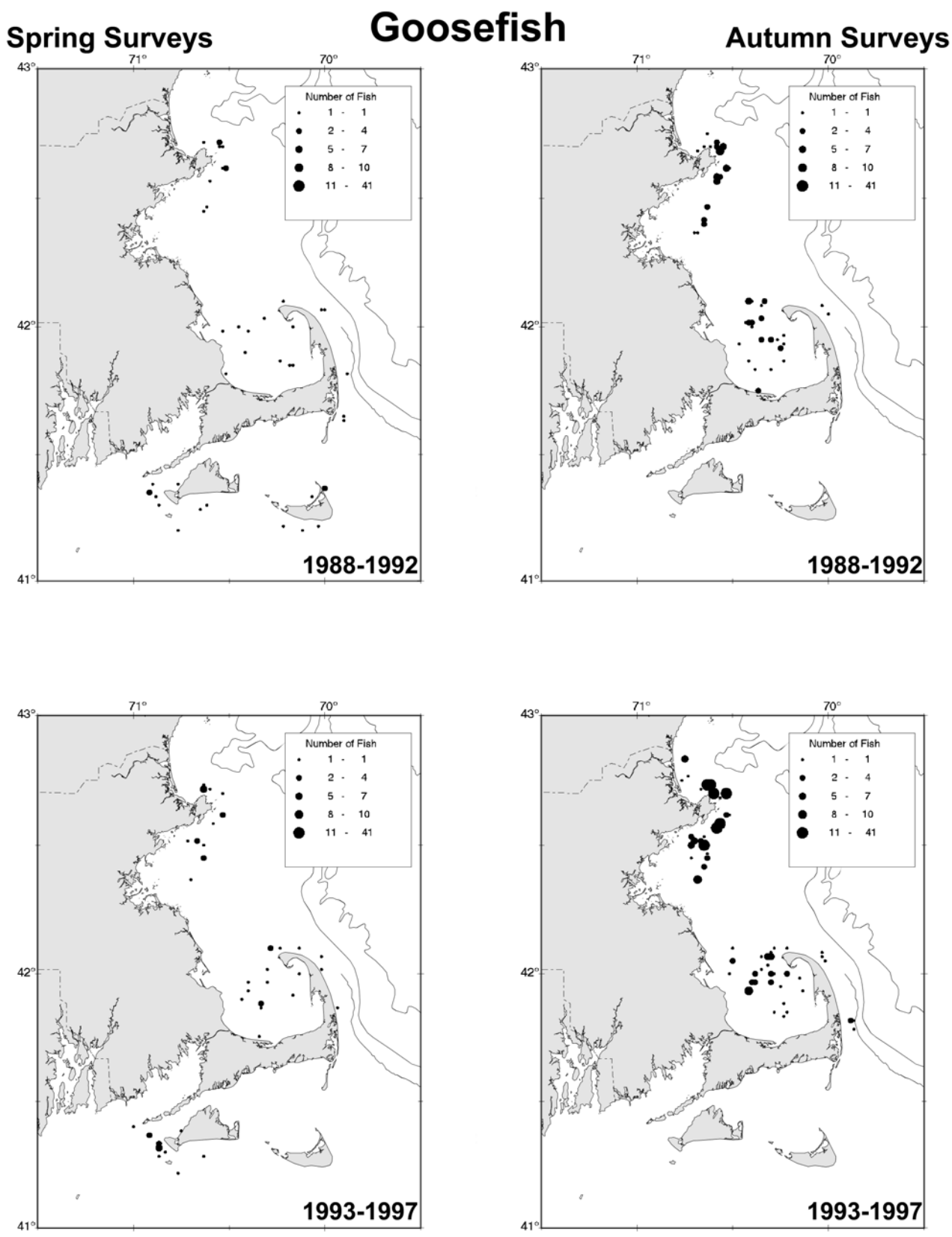

Figure D16b. Distribution of goosefish in the Massachusetts inshore spring and autumn bottom trawl surveys from 1988-1997.

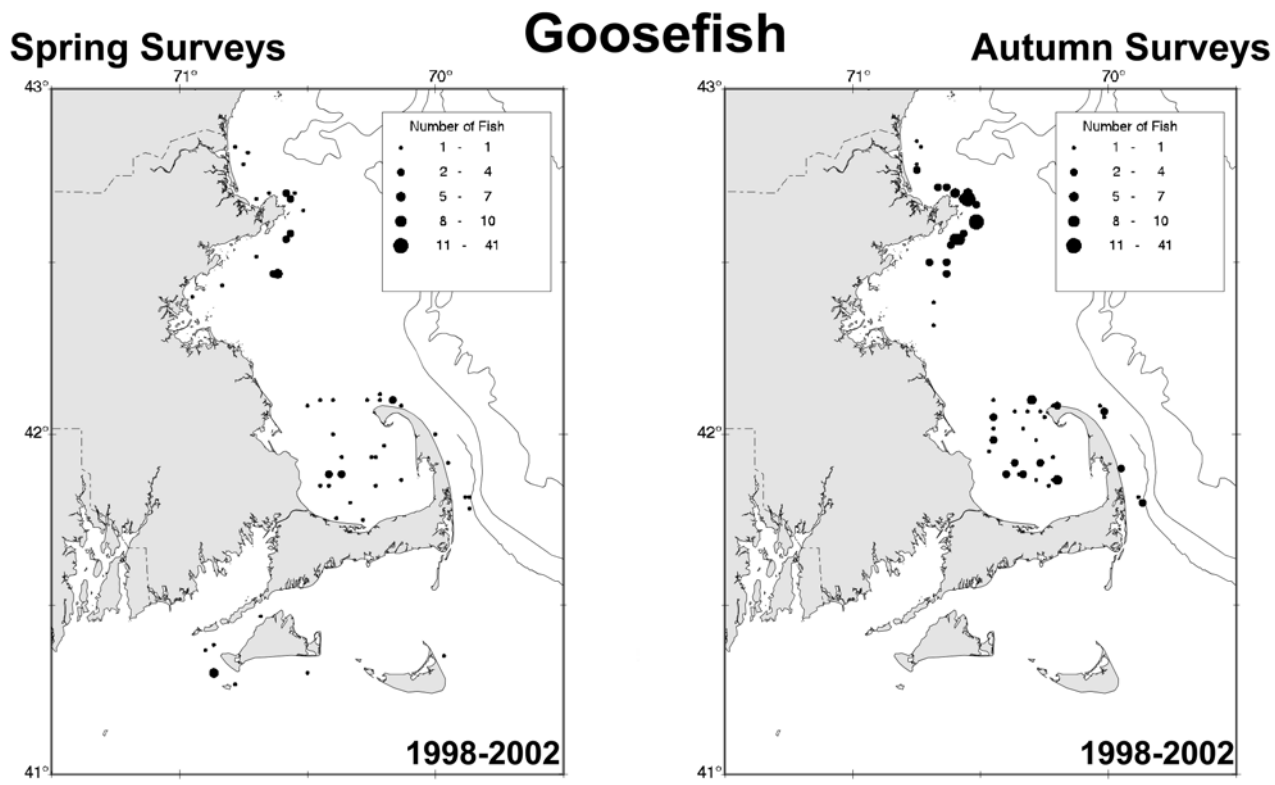

Figure D16c. Distribution of goosefish in the Massachusetts inshore spring and autumn bottom trawl surveys from 1998-2002.

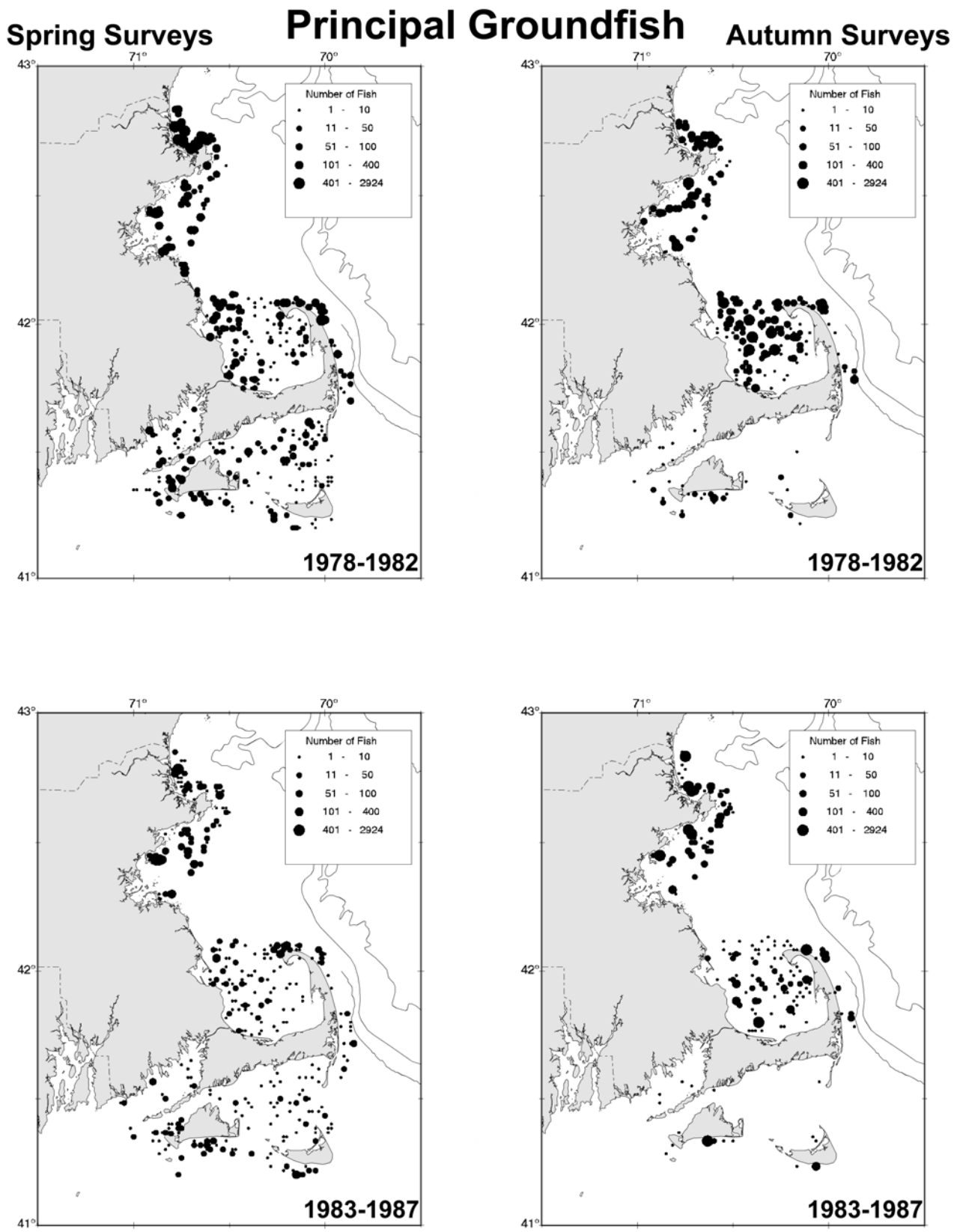

Figure D17a. Distribution of principal groundfish (Atlantic cod, haddock, pollock, Acadian redfish, and white hake) in the Massachusetts inshore spring and autumn bottom trawl surveys from 1978-1987.

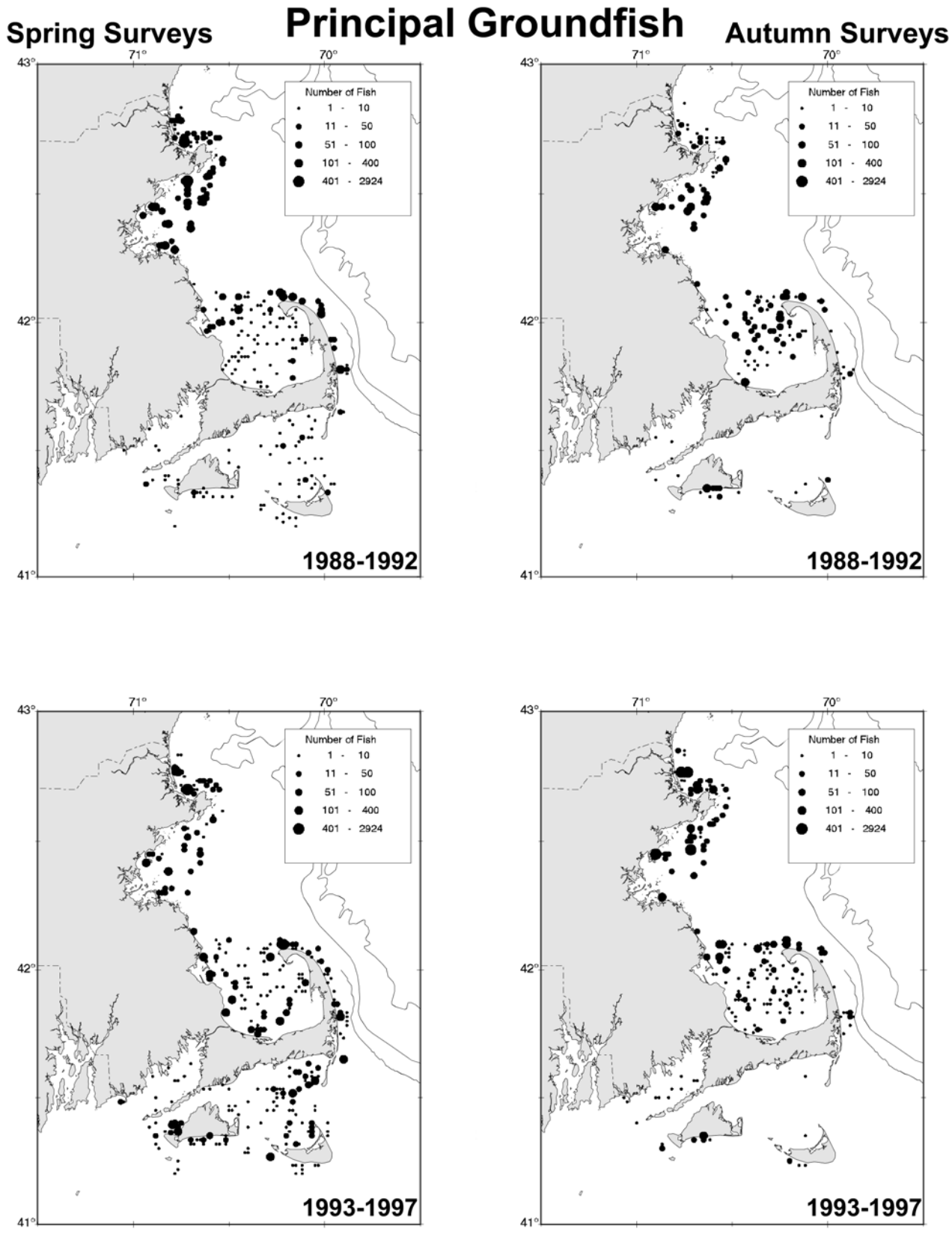

Figure D17b. Distribution of principal groundfish (Atlantic cod, haddock, pollock, Acadian redfish, and white hake) in the Massachusetts inshore spring and autumn bottom trawl surveys from 1988-1997.

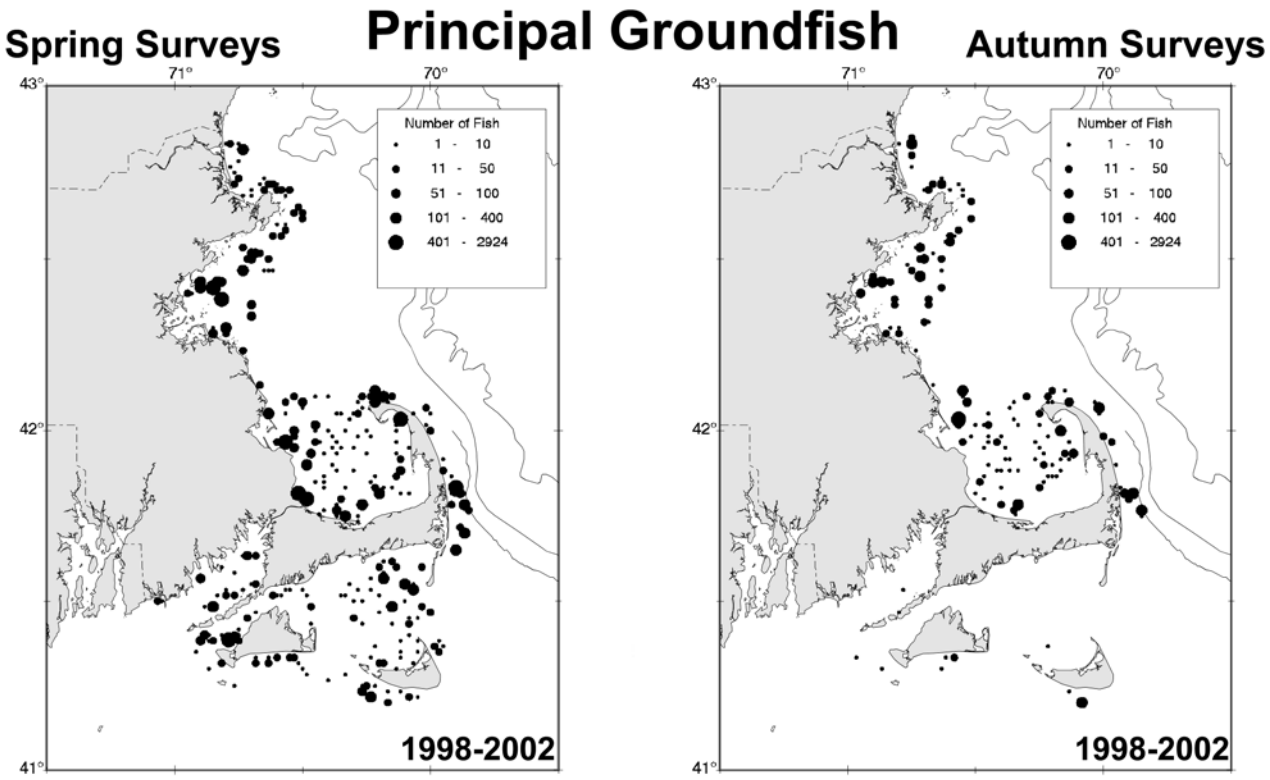

Figure D17c. Distribution of principal groundfish (Atlantic cod, haddock, pollock, Acadian redfish, and white hake) in the Massachusetts inshore spring and autumn bottom trawl surveys from 1998-2002.

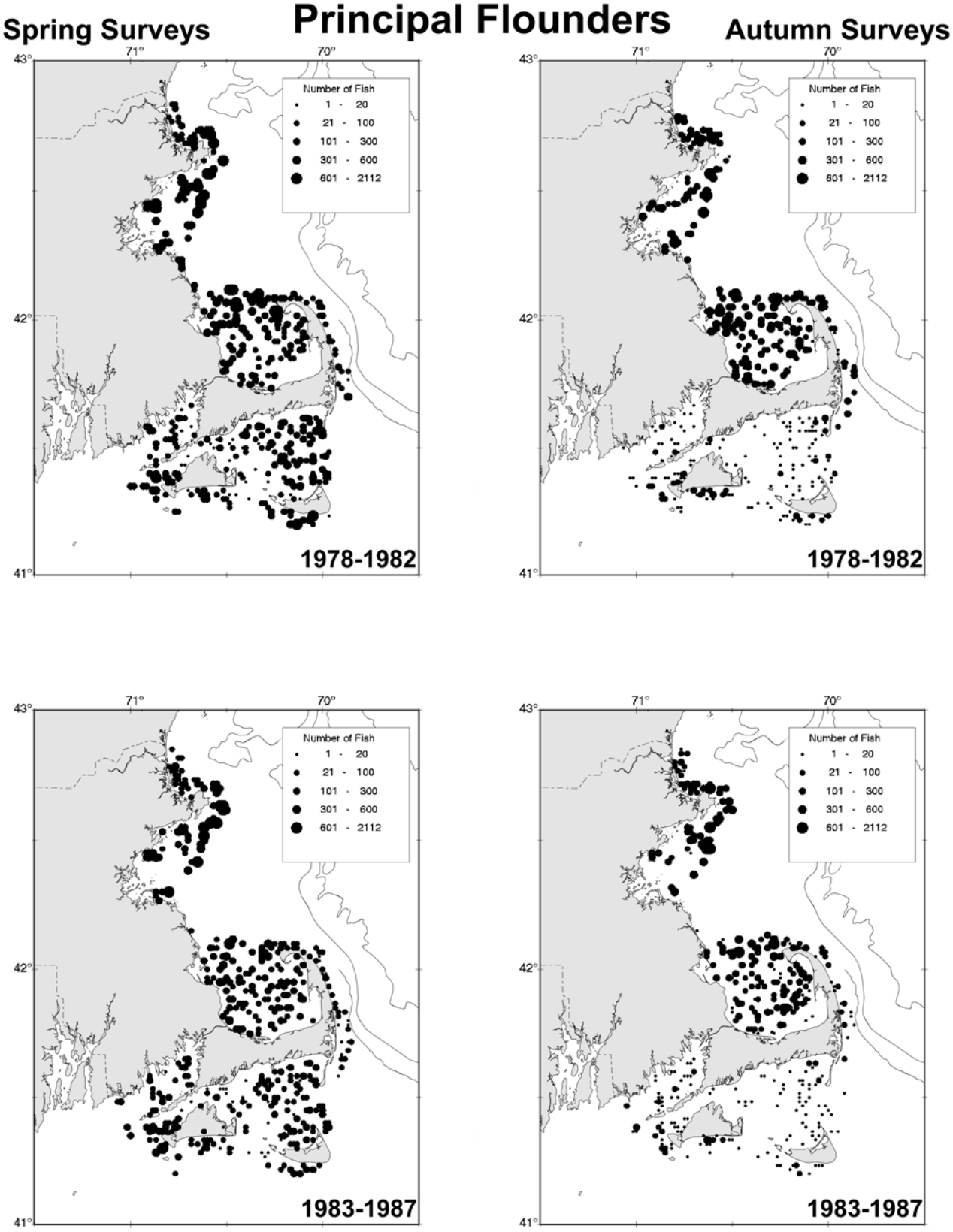

Figure D18a. Distribution of principal flounders (yellowtail flounder, American plaice, witch flounder, winter flounder, and windowpane flounder) in the Massachusetts inshore spring and autumn bottom trawl surveys from 1978-1987.

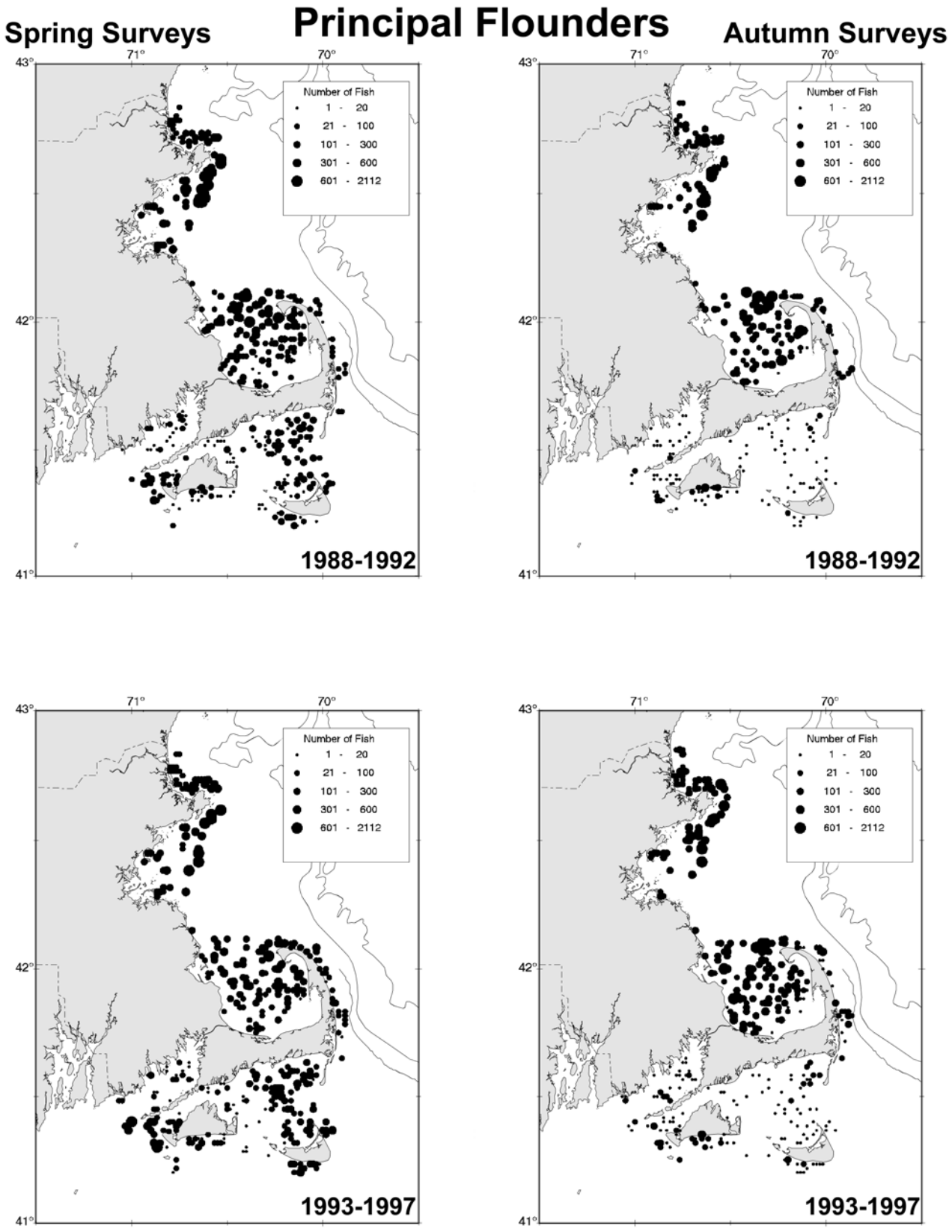

Figure D18b. Distribution of principal flounders (yellowtail flounder, American plaice, witch flounder, winter flounder, and windowpane flounder) in the Massachusetts inshore spring and autumn bottom trawl surveys from 1988-1997.

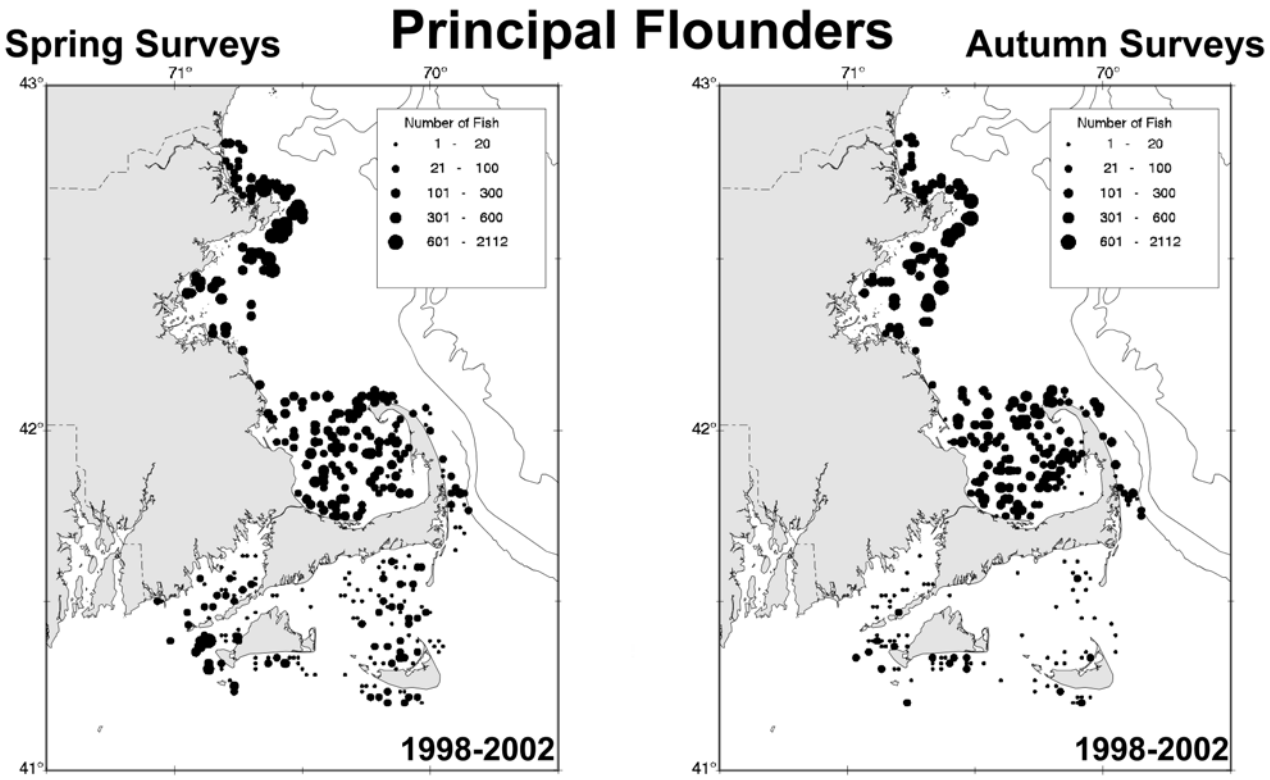

Figure D18c. Distribution of principal flounders (yellowtail flounder, American plaice, witch flounder, winter flounder, and windowpane flounder) in the Massachusetts inshore spring and autumn bottom trawl surveys from 1998-2002.

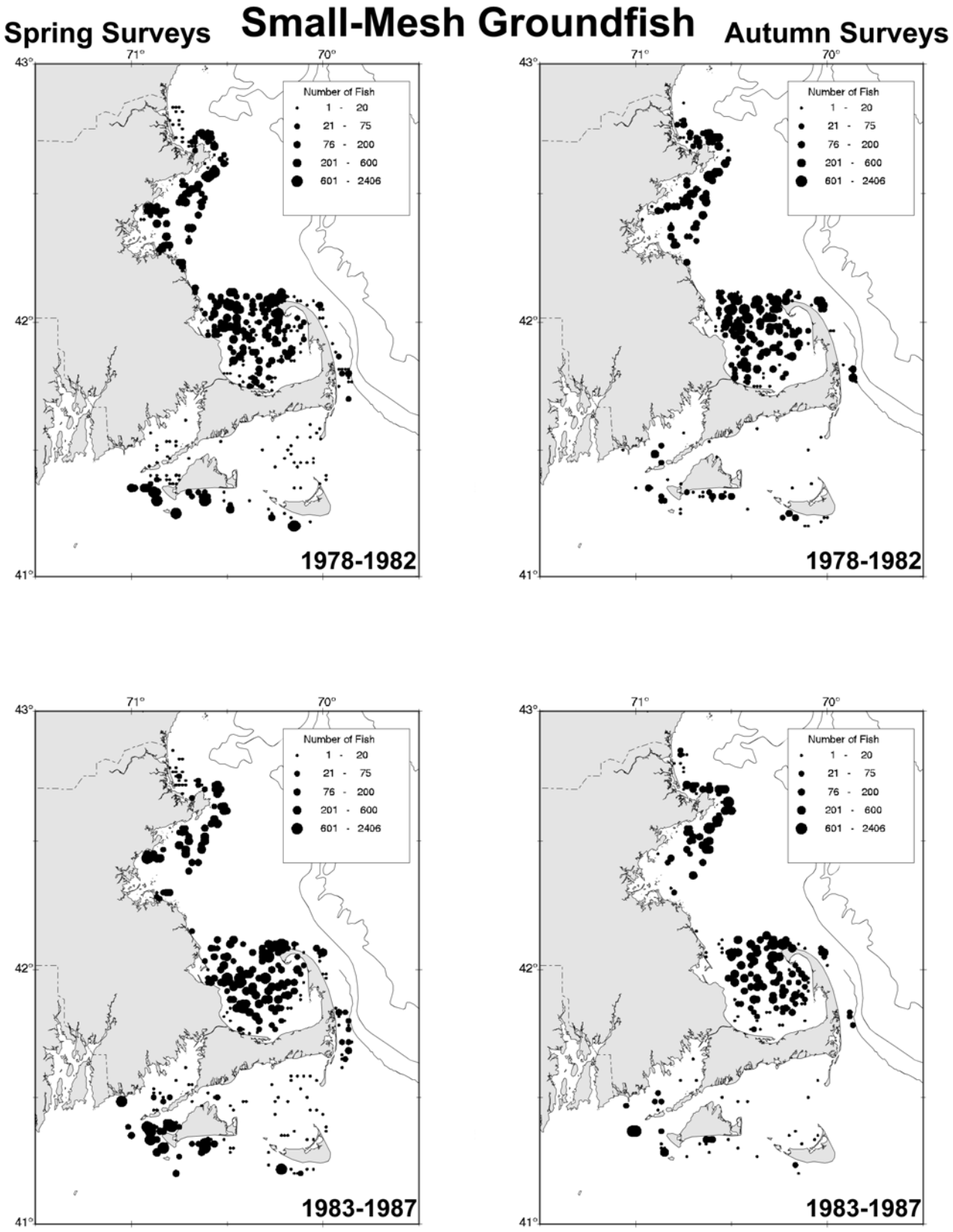

Figure D19a. Distribution of small-mesh groundfish (silver hake, red hake, and ocean pout) in the Massachusetts inshore spring and autumn bottom trawl surveys from 1978-1987.

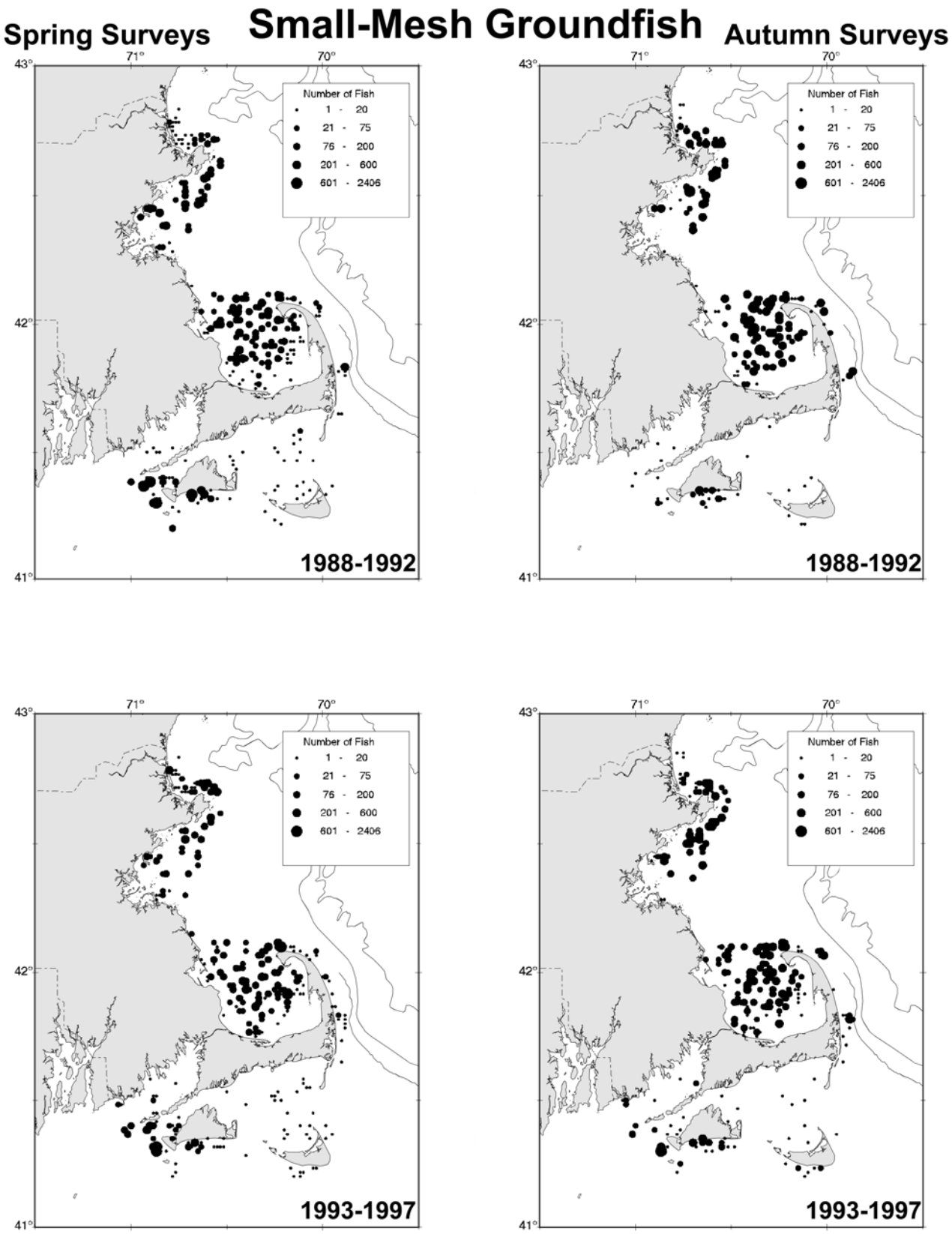

Figure D19b. Distribution of small-mesh groundfish (silver hake, red hake, and ocean pout) in the Massachusetts inshore spring and autumn bottom trawl surveys from 1988-1997.

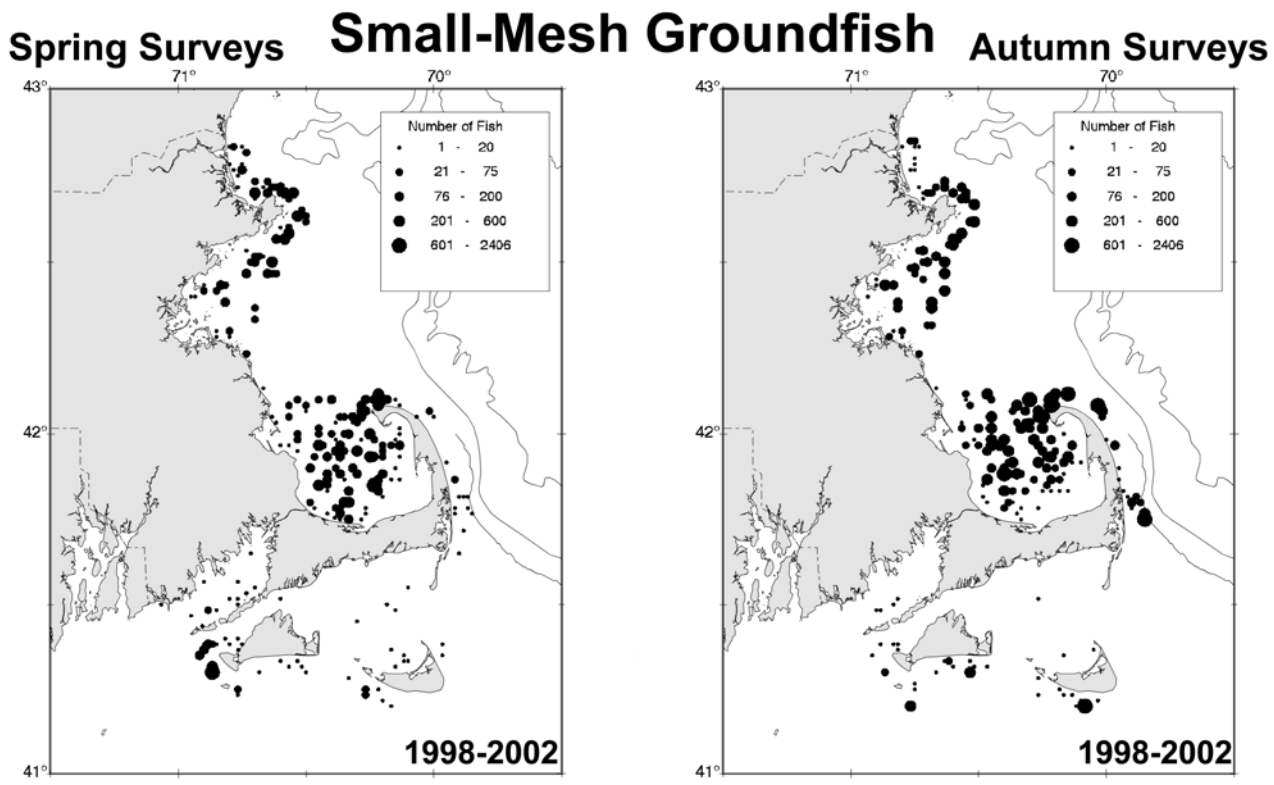

Figure D19c. Distribution of small-mesh groundfish (silver hake, red hake, and ocean pout) in the Massachusetts inshore spring and autumn bottom trawl surveys from 1998-2002.

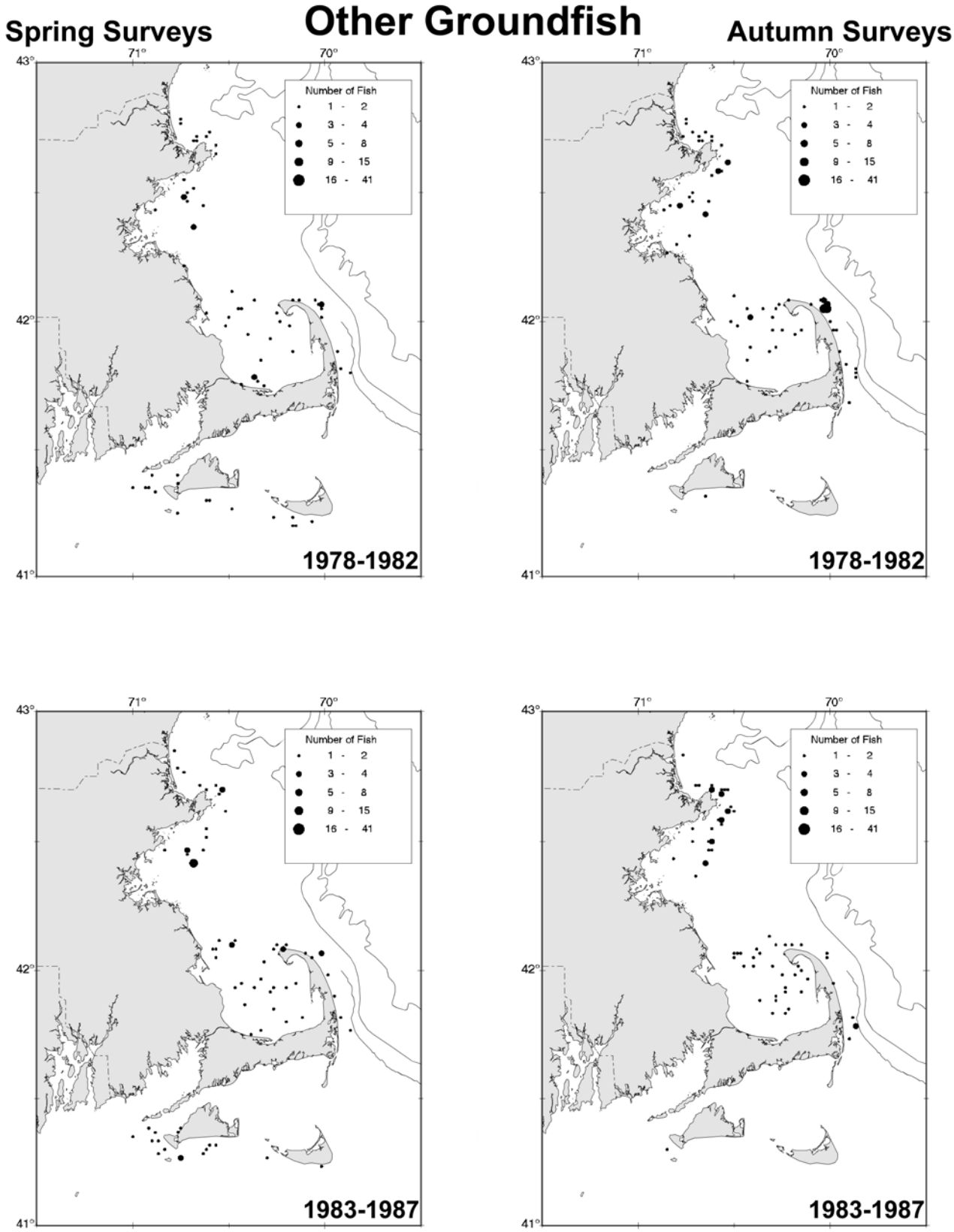

Figure D20a. Distribution of other groundfish (Atlantic wolffish and goosefish) in the Massachusetts inshore spring and autumn bottom trawl surveys from 1978-1987.

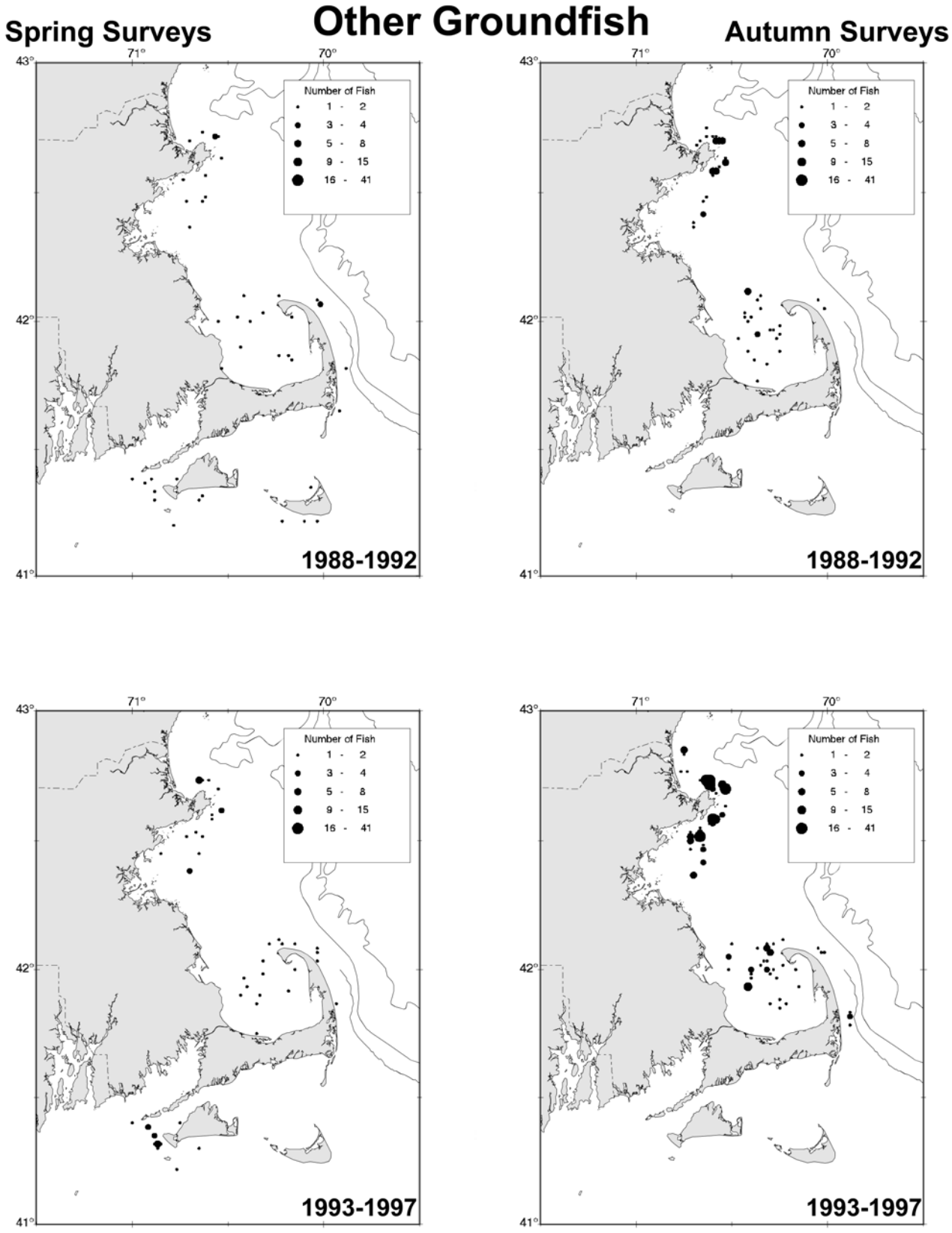

Figure D20b. Distribution of other groundfish (Atlantic wolffish and goosefish) in the Massachusetts inshore spring and autumn bottom trawl surveys from 1988-1997.

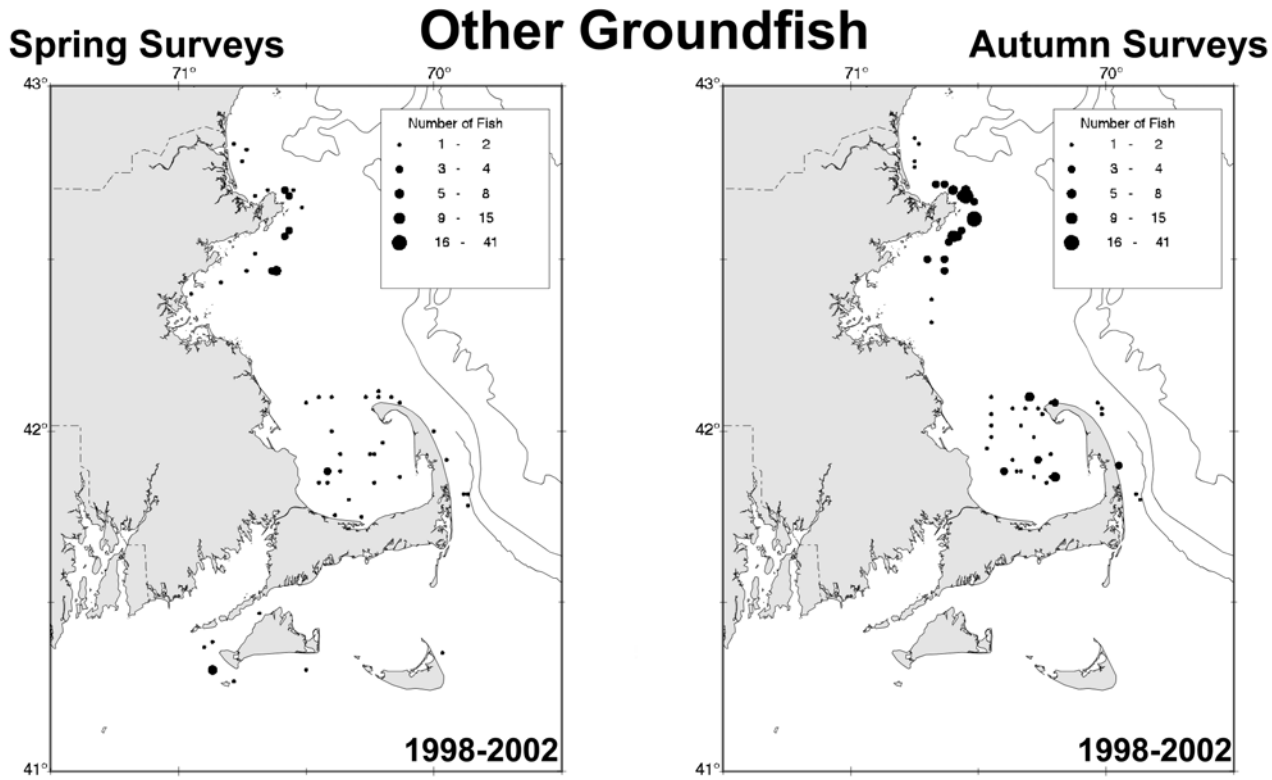

Figure D20c. Distribution of other groundfish (Atlantic wolffish and goosefish) in the Massachusetts inshore spring and autumn bottom trawl surveys from 1998-2002.