

TABLE 1: AVAILABLE DATA

COMMON NAME:	REDFISH	SPECIES:	<i>Sebastes spp.</i>
AREA:	NORTHWEST ATLANTIC	STOCK:	NAFO DIV. 30
CREATED BY:	JOANNE MORGAN	UPDATED BY:	JOANNE MORGAN 2002-03-25

Data status									
Year	Stock size	Stock composition	Age	Sex ratio	Maturity	Fecundity	Weight	Condition	Additional data
2001									
2000	(√)	√	√	(√)	(√)		(√)	(√)	
1999	(√)	√	√	(√)	(√)		(√)	(√)	
1998	(√)	√	√	(√)	√		(√)	(√)	
1997	(√)	√	√	(√)	(√)		(√)	(√)	
1996	(√)	√	√	(√)	(√)		(√)	(√)	
1995	(√)	√	√	(√)	(√)		(√)	(√)	
1994	(√)	√	√	(√)	(√)		(√)	(√)	
1993	(√)	√	√	(√)	(√)		(√)	(√)	
1992	(√)	√	√	(√)	(√)		(√)	(√)	
1991	(√)	√	√	(√)	(√)		(√)	(√)	
1990	(√)	√	√	(√)	(√)		(√)	(√)	
1989	(√)	√	√	(√)	(√)		(√)		
1988	(√)	√	√	(√)	(√)		(√)		
1987	(√)	√	√	(√)	(√)		(√)		
1986	(√)	√		(√)	(√)				
1985	(√)	√		(√)	(√)				
1984	(√)	√		(√)	(√)				
1983	(√)	√		(√)	(√)				
1982	(√)	√		(√)	(√)				
1981	(√)	√		(√)	(√)				
1980	(√)	√		(√)	(√)				
1979	(√)	√		(√)	(√)				
1978	(√)	√		(√)	(√)				

Data status									
Year	Stock size	Stock composition	Age	Sex ratio	Maturity	Fecundity	Weight	Condition	Additional data
1977	(√)	√		(√)	(√)				
1976	(√)	√		(√)	(√)				
1975	(√)	√		(√)	(√)				
1974									
1973	(√)	√		(√)	(√)				
1972									
1971									
1970									
1969				√	√				
1968				(√)	(√)				
1967				(√)	(√)				
1966				(√)	(√)				
1965				(√)	(√)				
1964				(√)	(√)				
1963				(√)	(√)				
1962				(√)	(√)				
1961				(√)	(√)				
1960				(√)	(√)				
1959				(√)	(√)				
1958				(√)	(√)				
1957				(√)	(√)				

TABLE 2: DATA BASIS, FORMAT AND QUALITY

COMMON NAME:	REDFISH		
AREA:	NORTHWEST ATLANTIC		
STOCK:	NAFO DIV. 3O		
REPRODUCTIVE STRATEGY:	OVOVIVIPAROUS	REF. NO.:	6
TIMING OF SPAWNING:	UNKNOWN	REF. NO.:	
OPTIMAL TIME FOR MATURITY SAMPLING:		REF. NO.:	

Data basis, format and quality						
Variables	Year range	Data basis (A/L/W)	Data origin	Sampling frequency	Notes on data, methods and contents	Ref. No.
Stock size	1973-1989	L	S	Y		1
	1990-2000	L	S	B		1
Stock composition	1973-1989	L	S	Y		1
	1990-2000	A,L	S	B		1
Age determination	1987-1989	A	CC,CL	Q,Q	Used survey otoliths	5
	1990	A	CC,CL,S	Q,Q,B		2,5
	1991-2000	A	S	B		2
Sex ratio	1969	L	S	NOT GIVEN	Data from 1957-1969 combined	3
	1973-2000	L	S	Y		2
Maturity:						
A. Ogives (E)	1969	L	S	NOT GIVEN	Data from 1957-1969 combined	3
	1973-2000	L	S	Y		2
	1998	L	S	Y	combined data from 1972-1998	4
B. Skip of spawning						
C. Spawning probability						
D. Other						
Fecundity:						
A. Estimation						
B. First time vs. repeat spawners						
C. Atresia						

Data basis, format and quality						
Variables	Year range	Data basis (A/L/W)	Data origin	Sampling frequency	Notes on data, methods and contents	Ref. No.
D. Other						
Weight:						
A. Commercial fisheries data	1995-2000	L	CC,CL	Q,Q	invariant length weight relationship	1,2
B. Survey data	1990-2000	A,L	S	B		2
C. Other						
Condition:						
A. Fulton	1990-2000	A,L	S	B		2
B. HSI						
C. Energy						
D. Other						
Egg viability:						
A. Egg quality						
B. Fertilisation success						
C. Egg mortality						
D. Other						
Larval viability:						
A. Hatching success						
B. Larvae quality						
C. Mortality						
D. Other						
Spawning time						
Contamination						
Environmental key factors						
Other factors or parameters						

TABLE 4: DATA SOURCES

COMMON NAME:	REDFISH
AREA:	NORTHWEST ATLANTIC
STOCK:	NAFO DIV. 3LN

Data sources (literature reference or contact person)
1. POWER, D. MS 2000. A stock status update of redfish in NAFO Divisions 3LN. <i>NAFO SCR Doc.</i> , No. 52, 18 p.
2. UNPUBL. DATA: D. Power, DFO, P. O. Box 5667, St. John's NF, A1C 5X1, Canada (powerd@dfo-mpo.gc.ca).
3. NI, I-H. and E. J. SANDEMAN. MS 1982. The logistic model for determining size at maturity in species differentiation and stock discrimination for northwest Atlantic redfishes. <i>NAFO SCR Doc.</i> , No. IX/88, 13 p.
4. VASKOV, A. A. and I. A. OGANIN. MS 1991. Status of Redfish Stock in Divisions 3LN. <i>NAFO SCR Doc.</i> , No. 6, Serial No. N1878, 8 p.
5. SCOTT, W. B. and M. G. SCOTT. 1988. Atlantic Fishes of Canada. <i>Can. Bull. Fish. Aquat. Sci.</i> , 219 : 731 p.

