Birch Lake Rainbow Trout Stocking Levels
and the Resulting Survival, Recruitment,
and Harvest. 1971-1989

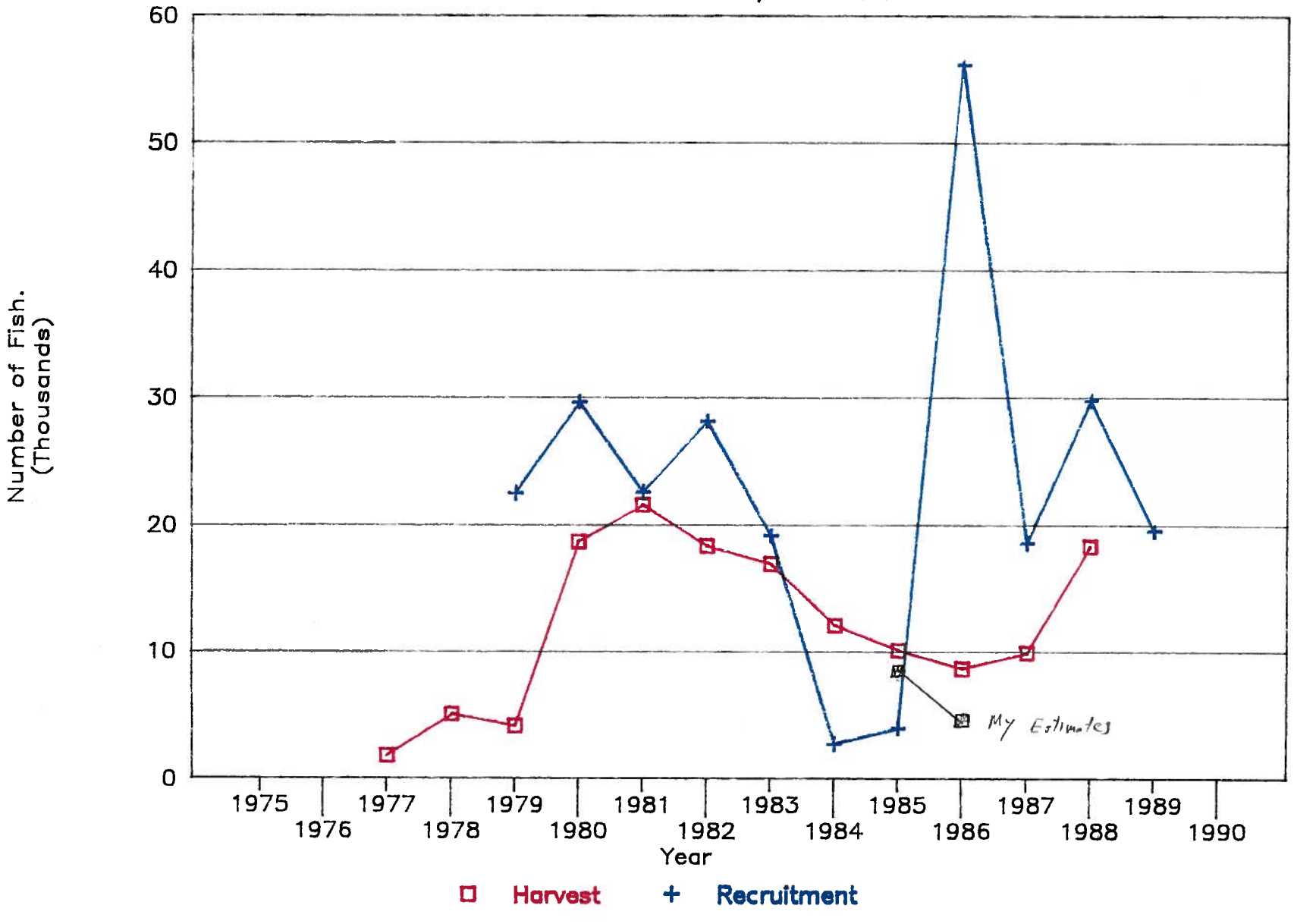
Stocking Year.	Stocking Level Fingerlings	Sub-catchable	Pop.Est	Survival to 150 mm. %		
1971	297800	0	N/D	N/D		
1972	297800	0	N/D	N/D		
1973	0	0	N/D	N/D		
1974	9800	0	N/D	N/D		
1975	0	0	N/D	N/D		
1976	0	766	N/D	N/D		
1977	104249	0	N/D	N/D		
1978	95079	0	N/D	N/D		
1979	0	101314	22533	20.8	Ennis Strain S.C.	25 g
1980	0	55074	29652	56.9	Swanson Strain S.C.	25 g
1981	0	50564	22560	54.7	Swanson Strain S.C.	23 g
1982	298500	97261	28191	27	Swanson Strain S.C.	8 g
"			3565	1.19	1982 fingerlings	1.3 g
1983	125218	19482	15585	80	Probable survival of 45 g stocking cohort.	
"			2727	2.18	1983 fingerlings.	1.9 g
1984	269963	0	3971	1.41	1984 fingerlings	1.7 g
1985	0	0	0			21 g
1986	0	83368	56191	67.4	Swanson Broodstock S.C.	25 g
1987	0	34039	18589	54.6	Swanson Broodstock S.C.	32 g
1988	0	10000	4068	40.6	Swanson Broodstock S.C.	25 g
"		44723	25766	57.6	Swanson Broodstock S.C.	16 g
1989	0	50000	14159	28.3	Swanson Broodstock S.C.	113 g
"		4045	4045	100	Swanson Broodstock LSC.	

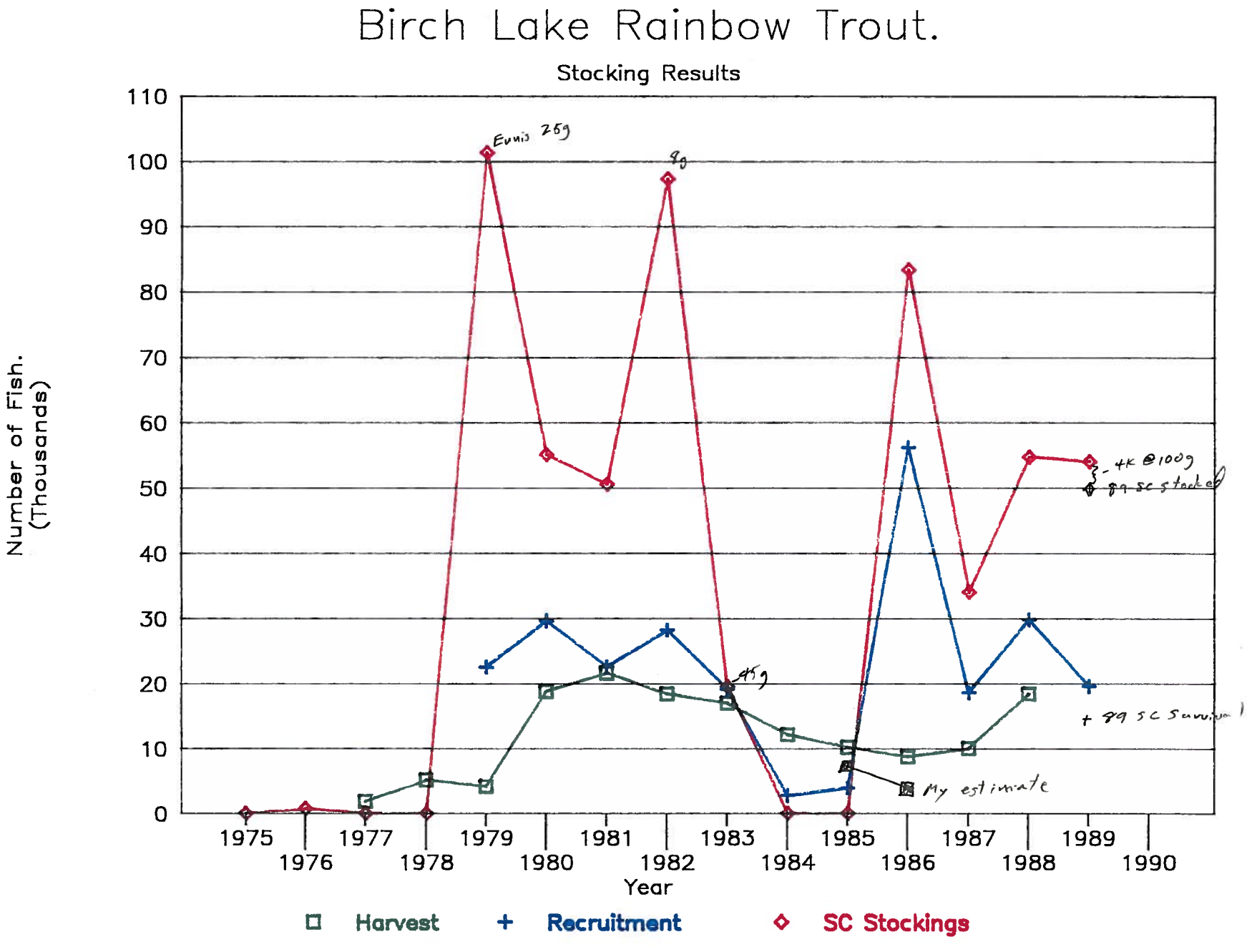
Recruitment v.s. Harvest

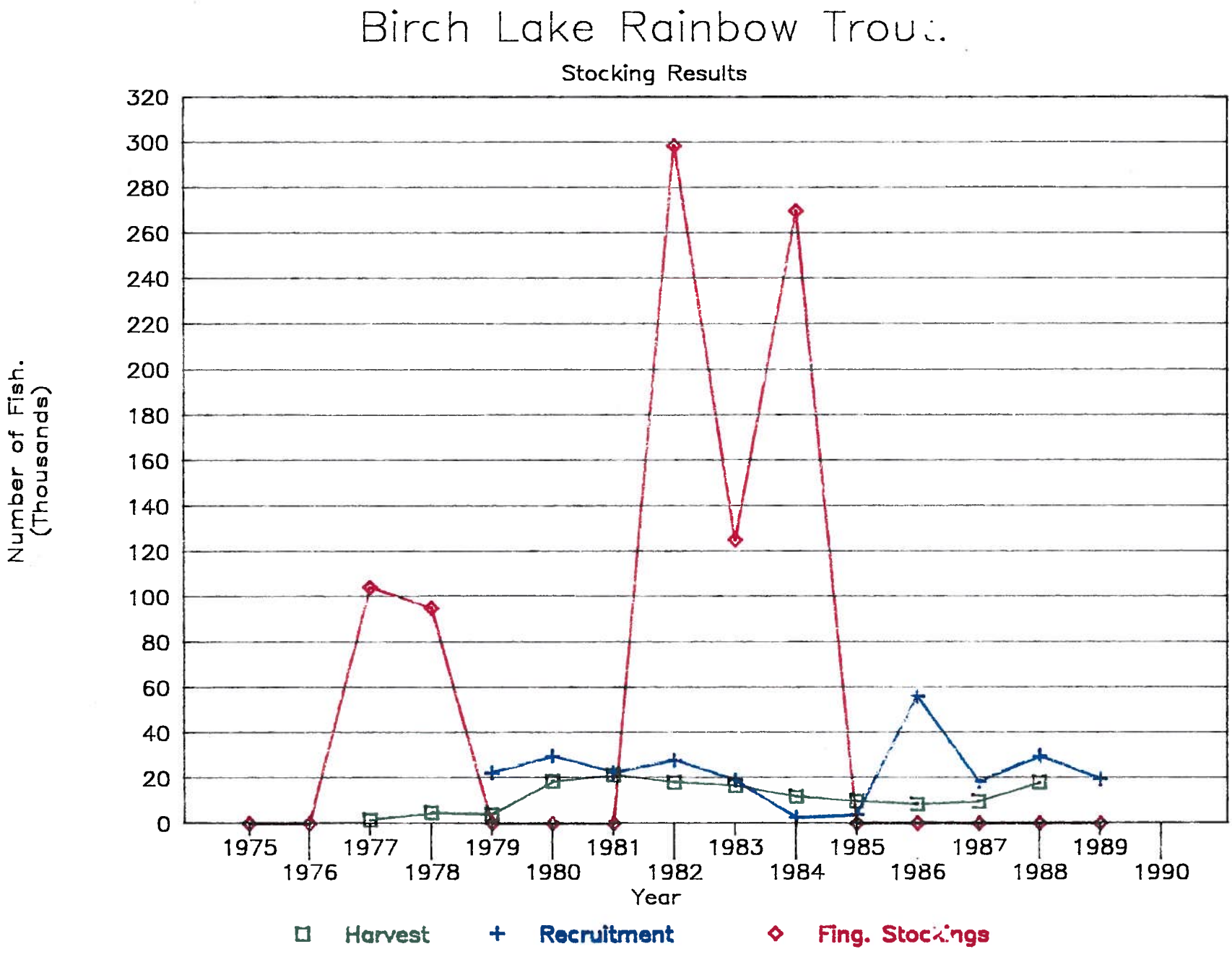
	Approximate Recruitment:	Harvest:	
1975			
1976			
1977		1850	
1978		5126	
1979	22533	4190	
1980	29652	18727	
1981	22560	21622	Winterkill of Large Fish Jan.-May 1981.
1982	28191	18385	
1983	19150	16963	
1984	2727	12123	
1985	3971	10161	8603 *
1986	56191	8723	4205 *
1987	18589	9981	
1988	29834	18390	
1989	18204		
1990			

Birch Lake Rainbow Trout.

Harvest v.s. Recruitment, 1977–1990




Birch Lake Rainbow Trout.
Stocking Results
Number of Fish. (Thousands)
110
100
90
80
70
60
50
40
30
20
10
0
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
1990
Year
Ennis 25g
9g
45g
4K @100g
99 SC stocked
+ 99 SC Survival
My estimate
Harvest
Recruitment
SC Stockings


Birch Lake Rainbow Trout
Stocking Results
Number of Fish. (Thousands)
320
300
280
260
240
220
200
180
160
140
120
100
80
60
40
20
0
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
1990
Year
Harvest
Recruitment
Fing. Stockings