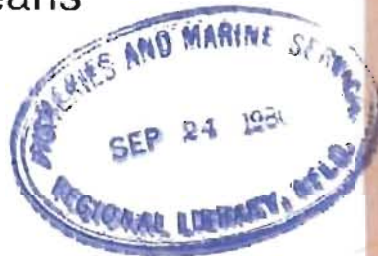


# Pre- and Post-Impoundment Experimental Fish Catches, Southern Indian Lake, Manitoba, 1972 - 1979

R.A. Bodaly, R.N. Erickson, and R.J.P. Fudge

Western Region  
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June 1980



## Canadian Data Report of Fisheries & Aquatic Sciences No. 201



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Canadian Data Report of  
Fisheries and Aquatic Sciences 201

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PRE- AND POST-IMPOUNDMENT EXPERIMENTAL FISH CATCHES,  
SOUTHERN INDIAN LAKE, MANITOBA, 1972-1979



by

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\* Each table gives catch per unit of effort and number of individual fish species caught in six mesh size panels of experimental gill nets at the date and station listed.

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## ABSTRACT

Bodaly, R. A., R. N. Erickson, and R. J. P. Fudge. 1980. Pre- and post-impoundment experimental fish catches, Southern Indian Lake, Manitoba, 1972-1979. Can. Data Rep. Fish. Aquat. Sci. 201:v + 73 p.

Experimental fishing by graded mesh gill net gangs was conducted in Southern Indian Lake, Manitoba, in 1972, 1974, 1975 and 1976, prior to the impoundment and diversion of the lake, and in 1978 and 1979, after impoundment and diversion. Ten species of fish were captured: lake whitefish *Coregonus clupeaformis* (Mitchill), walleye *Stizostedion vitreum* (Mitchill), northern pike *Esox lucius* L., white sucker *Catostomus commersoni* (Lacepede), longnose sucker *Catostomus catostomus* (Forster), burbot *Lota lota* (Linnaeus), cisco (probably a mixture of *Coregonus artedii* Lesueur, and *Coregonus nigripinnis* (Gill)), perch *Perca flavescens* (Mitchill), and goldeye *Hiodon alosoides* (Rafinesque). Data is presented in tabular form, on the numbers of each species captured in each mesh size panel of each gill net gang set.

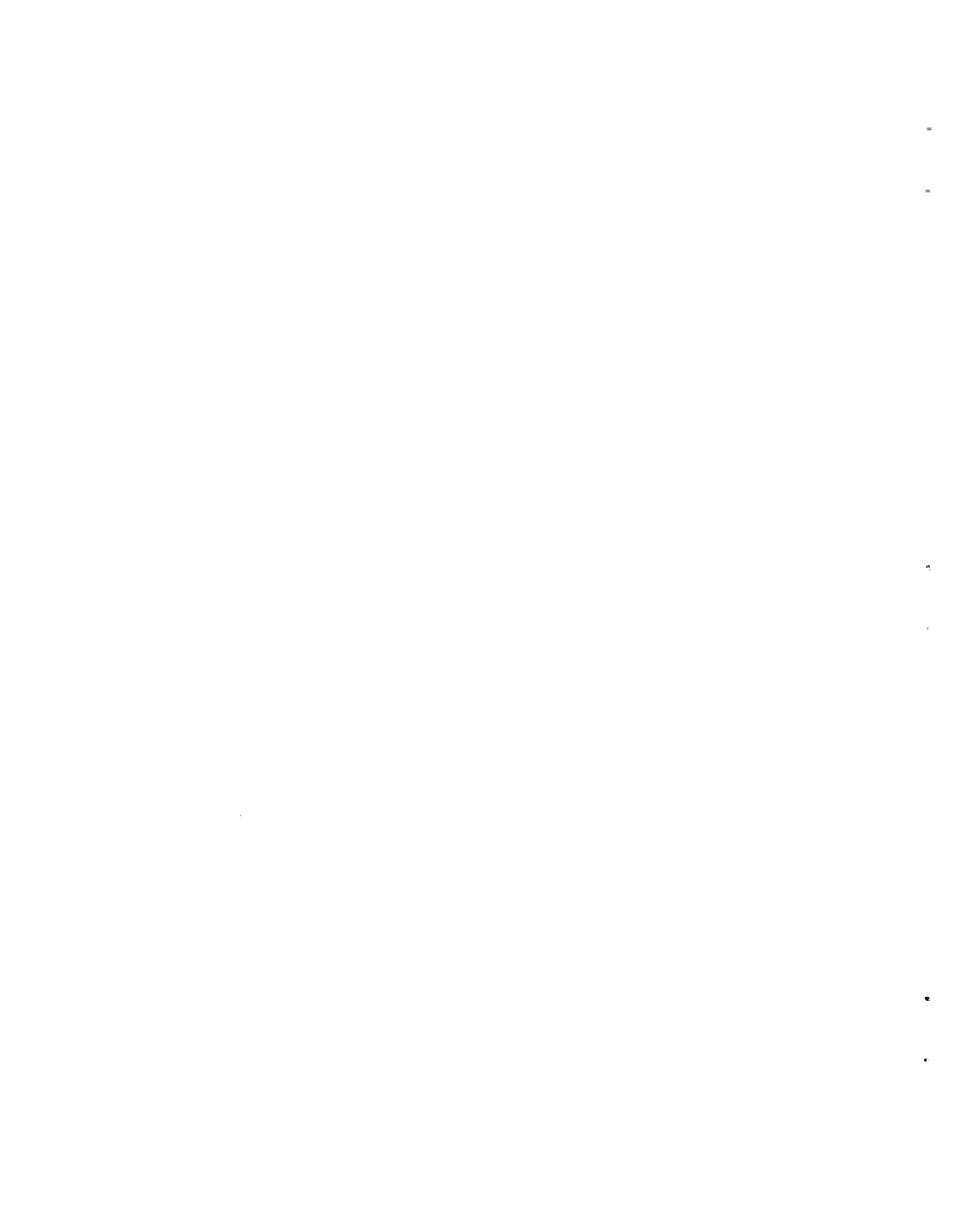
Key words: freshwater fish; catch/effort; reservoirs (water).

## RESUME

Bodaly, R. A., R. N. Erickson, and R. J. P. Fudge. 1980. Pre- and post-impoundment experimental fish catches, Southern Indian Lake, Manitoba, 1972-1979. Can. Data Rep. Fish. Aquat. Sci. 201: v + 73 p.

On a réalisé des opérations de pêche expérimentale à l'aide de batteries de filets maillants à maillage multiple, dans le Southern Indian Lake, au Manitoba, en 1972, 1974, 1975 et 1976, avant la retenue et la dérivation des eaux du lac, et en 1978 et 1979, après la retenue et la dérivation. Dix espèces ont été capturées: le grand corégone *Coregonus clupeaformis* (Mitchill), le doré jaune *Stizostedion vitreum* (Mitchill), le grand brochet *Esox lucius* L., le meunier noir *Catostomus commersoni* (Lacepede), le meunier rouge *Catostomus catostomus* (Forster), la lotte *Lota lota* (Linnaeus), le cisco (probablement un mélange de *Coregonus artedii* Lesueur et de *Coregonus nigripinnis* (Gill)), la perchaude *Perca flavescens* (Mitchill) et la laquaiche aux yeux d'or *Hiodon alosoides* (Rafinesque). Les données, présentées sous forme de tableaux, indiquent le nombre de spécimens de chaque espèce capturés dans chaque nappe de maillage donné de chaque batterie de filets maillants.

Mots-clés: poissons d'eau douce; prises/effort; réservoirs (d'eau).





## INTRODUCTION

The accurate prediction of the impact of large-scale man-made environmental disturbances is enhanced by the comparison of actual impacts with predicted impacts. Prior to the construction of the Churchill-Nelson hydroelectric diversion project in northern Manitoba, extensive limnological field studies were conducted and predictions of impacts were made under the Lake Winnipeg, Churchill, and Nelson Rivers Study Board. The pre-impoundment state of fish populations in Southern Indian Lake and predictions of impact have been described by Ayles and Koshinsky (1974), Hecky and Ayles (1974), and Ayles (1976). Experimental gill net fishing has continued on the lake since impoundment in 1976, in order to assess changes in fish populations.

The present report presents data of the catch per unit of effort and numbers of fish caught in experimental gill net gangs in Southern Indian Lake in 1972, 1974, 1975 and 1976 prior to impoundment and in 1978 and 1979 after impoundment.

## MATERIALS AND METHODS

### STUDY AREA

Southern Indian Lake is located in north central Manitoba (57°N; 99°W) on the Churchill River (Fig. 1). Prior to flooding and diversion, the Churchill River entered Southern Indian Lake at the southwest extremity of the lake and exited at Missi Falls, off the northern lake basin (Fig. 2). In the summer of 1976, the lake level was raised by 3 m above the mean level by a control structure at Missi Falls, and 85% of the flow of the Churchill River through the lake began to be diverted into the Nelson River basin where the majority of the hydroelectric potential of the system will be generated (Fig. 2). Southern Indian Lake has a post-flooding surface area of 2530 km<sup>2</sup> (pre-flooding surface area was 1930 km<sup>2</sup>) and has a post-flooding mean depth of 10 m (pre-flooding mean depth was 9 m).

### COLLECTION OF SPECIMENS

Experimental gill net fishing was conducted in the summer of 1972, 1974, 1975, 1976, 1978 and 1979. In 1972, 1978 and 1979 fishing was conducted only at specific fishing stations (Fig. 2). These stations are denoted by a two digit code. In 1974, 1975 and 1976 fishing sites were chosen only within the bounds of one of the eight regions delineating major study basins (Fig. 1). These stations are denoted by a one digit code. A standard gang of nets were used throughout these studies which consisted of six 46 m (50 yd) multi-filament nylon gill nets of stretch mesh sizes 13.3 cm (5 1/4 in), 10.8 cm (4 1/4 in), 8.9 cm (3 1/2 in), 7.0 cm (2 3/4 in), 5.1 cm (2 in), and 3.8 cm (1 1/2 in). Nets were set in the following order: largest mesh, smallest mesh, next largest mesh, next smallest mesh, etc. Two gangs were generally set at each fishing site in 1972, 1978 and 1979, one shallow (3-7 meters before flooding, 6-10 meters after flooding) and one deep (8 meters or greater before flooding, 11 meters or greater after flooding). All sets were bottom sets and were generally set between

1700-1800 h and raised the following day between 0800-0900 h, weather permitting. Number of fish of each species caught in each 46 m (50 yd) net of a particular mesh size, standardized to a 16 h fishing period, was used as a measure of catch per unit of effort.

## ACKNOWLEDGMENTS

H. A. Ayles supervised field work in 1972, 1974, 1975 and 1976. The following persons participated in the field in 1978 and 1979: J. Adamson, J. Baert, R. F. Baker, R. K. Beach, K. Chadee, S. J. Cox, T. A. Dick, P. O'Driscoll, C. Enns, B. Gowen, P. Hahn, T. W. D. Johnson, C. H. Johnston, M. Reid, P. Thomas, and D. R. Witt.

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Table 9. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Station 41, 10 July and 18 August 1972, Southern Indian Lake.

Mesh Species	Date	1½ in		2 in		2½ in		3½ in		4½ in		5½ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Ju1 10	1.14(1)	9.14(8)	1.14(1)	26.29(23)	1.14(1)	17.14(15)	1.14(1)	36.57(32)	1.14(1)	25.14(22)	2.29(2)	11.43(10)
	Aug 18	2.37(2)	20.15(17)	10.67(9)	22.52(19)	3.56(3)	24.89(21)	2.37(2)	18.96(16)	4.74(4)	15.41(13)	0	11.85(10)
Walleye	Ju1 10	0	0	1.14(1)	0	0	0	0	0	0	0	0	0
	Aug 18	0	1.19(1)	1.19(1)	2.37(2)	1.19(1)	0	1.19(1)	0	0	0	0	0
Northern Pike	Ju1 10	3.43(3)	1.14(1)	11.43(10)	1.14(1)	12.57(11)	5.71(5)	6.86(6)	5.71(5)	1.14(1)	0	0	0
	Aug 18	5.93(5)	5.93(5)	7.11(6)	0	18.96(16)	0	7.11(6)	0	2.37(2)	0	0	0
White Sucker	Ju1 10	0	0	0	0	1.14(1)	0	11.43(10)	0	6.86(6)	0	0	0
	Aug 18	0	1.19(1)	2.37(2)	0	0	0	10.67(9)	0	5.93(5)	0	1.19(1)	0
Longnose Sucker	Ju1 10	4.57(4)	0	3.43(3)	3.43(3)	8.00(7)	4.57(4)	5.71(5)	9.14(8)	11.43(10)	11.43(10)	3.43(3)	11.43(10)
	Aug 18	0	1.19(1)	1.19(1)	8.30(7)	2.37(2)	5.93(5)	1.19(1)	10.67(9)	3.56(3)	7.11(6)	1.19(1)	8.30(7)
Burbot	Ju1 10	0	0	0	0	0	1.14(1)	0	0	0	8.00(7)	0	0
	Aug 18	0	0	0	0	0	0	0	1.19(1)	0	1.19(1)	0	0
Cisco	Ju1 10	0	26.29(23)	3.43(3)	20.57(18)	0	5.71(5)	0	0	0	0	0	0
	Aug 18	0	3.56(3)	1.19(1)	8.30(7)	0	2.37(2)	0	1.19(1)	0	0	0	0
Sauger	Ju1 10	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 18	0	0	0	0	0	0	0	0	0	0	0	0
Yellow Perch	Ju1 10	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 18	0	0	0	0	0	0	0	0	0	0	0	0
Goldeye	Ju1 10	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 18	0	0	0	0	0	0	0	0	0	0	0	0

Table 10. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Station 42, 11 July and 19 August 1972, Southern Indian Lake.

Mesh Species	Date	1½ in		2 in		2¾ in		3½ in		4¾ in		5¼ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Jul 11	1.10(1)	1.10(1)	2.20(2)	15.45(14)	5.52(5)	36.41(33)	0	30.90(28)	1.10(1)	17.66(16)	0	5.52(5)
	Aug 19	11.85(10)	20.15(17)	4.74(4)	13.04(11)	3.56(3)	10.67(9)	0	7.11(6)	2.37(2)	14.22(12)	0	9.48(8)
Walleye	Jul 11	1.10(1)	0	0	0	0	0	0	0	0	0	0	0
	Aug 19	4.74(4)	0	0	1.19(1)	2.37(2)	0	0	1.19(1)	0	0	0	0
Northern Pike	Jul 11	1.10(1)	0	3.31(3)	0	2.20(2)	0	3.31(3)	0	4.41(4)	0	0	0
	Aug 19	4.74(4)	0	5.93(5)	0	2.37(2)	2.37(2)	3.56(3)	3.56(3)	0	0	0	0
White Sucker	Jul 11	1.10(1)	0	3.31(3)	0	7.72(7)	0	4.41(4)	0	2.20(2)	0	0	0
	Aug 19	0	0	1.19(1)	2.37(2)	7.11(6)	11.85(10)	18.96(16)	20.15(17)	5.93(5)	10.67(9)	1.19(1)	0
Longnose Sucker	Jul 11	1.10(1)	0	1.10(1)	0	25.38(23)	1.10(1)	1.10(1)	0	0	0	7.72(7)	0
	Aug 19	0	1.19(1)	0	2.37(2)	0	2.37(2)	0	2.37(2)	0	5.93(5)	1.19(1)	5.93(5)
Burbot	Jul 11	0	0	0	3.31(3)	0	1.10(1)	0	5.52(5)	0	5.52(5)	0	0
	Aug 19	0	0	0	0	0	0	0	0	0	0	0	0
Cisco	Jul 11	0	20.97(19)	0	37.52(34)	0	27.59(25)	0	2.20(2)	0	0	0	0
	Aug 19	8.30(7)	20.15(17)	1.19(1)	4.74(4)	3.56(3)	1.19(1)	1.19(1)	3.56(3)	0	0	0	0
Sauger	Jul 11	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 19	0	0	0	0	0	0	0	0	0	0	0	0
Yellow Perch	Jul 11	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 19	1.19(1)	13.04(11)	4.74(4)	3.56(3)	0	2.37(2)	0	0	0	0	0	0
Goldeye	Jul 11	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 19	0	0	0	0	0	0	0	0	0	0	0	0

Table 11. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Station 43, 18 July and 25 August 1972, Southern Indian Lake.

Mesh Species	Date	1½ in		2 in		2¾ in		3½ in		4½ in		5½ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Jul 18	3.69(6)	5.54(9)	6.15(10)	4.92(8)	7.38(12)	3.69(6)	7.38(12)	4.31(7)	4.31(7)	4.92(8)	0.62(1)	0.62(1)
	Aug 25	14.86(13)	4.57(4)	11.43(10)	9.14(8)	11.43(10)	21.71(19)	6.86(6)	9.14(8)	4.57(4)	10.29(9)	0	2.29(2)
Walleye	Jul 18	0	0	0	0	0.62(1)	0	0	0	0	0	0	0
	Aug 25	0	1.14(1)	5.71(5)	4.57(4)	1.14(1)	6.86(6)	1.14(1)	1.14(1)	0	0	0	0
Northern Pike	Jul 18	1.85(3)	0	4.92(8)	0.62(1)	2.46(4)	0	3.08(5)	0	0.62(1)	0.62(1)	0	0
	Aug 25	3.43(3)	0	5.71(5)	0	3.43(3)	1.14(1)	5.71(5)	1.14(1)	0	0	0	0
White Sucker	Jul 18	0	0	12.31(20)	0	12.92(21)	1.23(2)	6.15(10)	0	4.31(7)	0	0	0
	Aug 25	0	0	1.14(1)	2.29(2)	16.00(14)	9.14(8)	8.00(7)	4.57(4)	4.57(4)	0	2.29(2)	0
Longnose Sucker	Jul 18	0	8.62(14)	1.23(2)	14.77(24)	3.08(5)	6.77(11)	6.15(10)	4.92(8)	1.85(3)	2.46(4)	1.23(2)	8.00(13)
	Aug 25	0	12.57(11)	3.43(3)	21.71(19)	5.71(5)	16.00(14)	6.86(6)	11.43(10)	12.57(11)	8.00(7)	9.14(8)	5.71(5)
Burbot	Jul 18	0	0	0	0	0	0	0	0.62(1)	0	0.62(1)	0	0
	Aug 25	0	0	0	1.14(1)	0	1.14(1)	0	1.14(1)	0	1.14(1)	0	0
Cisco	Jul 18	2.46(4)	1.23(2)	1.23(2)	0	0	0	0	0.62(1)	0	0	0	0
	Aug 25	0	3.43(3)	0	0	0	0	0	0	0	0	0	0
Sauger	Jul 18	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 25	0	0	0	0	0	0	0	0	0	0	0	0
Yellow Perch	Jul 18	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 25	1.14(1)	0	0	0	0	0	0	0	0	0	0	0
Goldeye	Jul 18	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 25	0	0	0	0	0	0	0	0	0	0	0	0

Table 12. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Station 50, 14 July, 23 August and 10 September 1972, Southern Indian Lake.

Species	Date	1½ in		2 in		2¾ in		3½ in		4¼ in		5¼ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Jul 14	2.46(2)	19.69(16)	7.38(6)	27.08(22)	6.15(5)	28.31(23)	6.15(5)	23.38(19)	3.69(3)	25.85(21)	1.23(1)	12.30(10)
	Aug 23	10.29(9)	3.43(3)	10.29(9)	26.29(23)	10.29(9)	28.57(25)	6.86(6)	45.71(40)	0	40.00(35)	3.43(3)	8.00(7)
	Sept 10	3.69(3)	3.69(3)	16.00(13)	20.92(17)	17.23(14)	16.00(13)	12.31(10)	14.77(12)	8.62(7)	28.31(23)	3.69(3)	27.08(22)
Walleye	Jul 14	0	0	0	0	2.46(2)	2.46(2)	1.23(1)	0	0	1.23(1)	0	0
	Aug 23	3.43(3)	0	12.57(11)	0	13.71(12)	0	12.57(11)	0	4.57(4)	0	0	0
	Sept 10	0	3.69(3)	0	3.69(3)	0	6.15(5)	0	0	0	0	0	0
Northern Pike	Jul 14	1.23(1)	0	1.23(1)	2.46(2)	16.00(13)	7.38(6)	4.92(4)	7.38(6)	0	1.23(1)	0	0
	Aug 23	2.29(2)	0	4.57(4)	0	6.86(6)	0	9.14(8)	0	2.29(2)	1.14(1)	0	0
	Sept 10	4.92(4)	0	3.69(3)	1.23(1)	9.85(8)	2.46(2)	7.38(6)	1.23(1)	3.69(3)	0	1.23(1)	0
White Sucker	Jul 14	0	0	1.23(1)	0	0	0	6.15(5)	0	1.23(1)	0	0	0
	Aug 23	0	0	3.43(3)	0	10.29(9)	0	12.57(11)	0	10.29(9)	0	4.57(4)	0
	Sept 10	0	0	0	1.23(1)	0	0	0	1.23(1)	0	1.23(1)	0	1.23(1)
Longnose Sucker	Jul 14	1.23(1)	0	0	1.23(1)	1.23(1)	3.69(3)	2.46(2)	1.23(1)	7.38(6)	3.69(3)	8.62(7)	4.92(4)
	Aug 23	0	0	0	0	1.14(1)	3.43(3)	2.29(2)	0	2.29(2)	0	4.57(4)	1.14(1)
	Sept 10	0	0	0	0	0	4.92(4)	0	2.46(2)	0	3.69(3)	0	4.92(4)
Burbot	Jul 14	0	0	0	0	0	0	0	0	0	1.23(1)	0	0
	Aug 23	0	0	0	1.14(1)	0	2.29(2)	0	5.71(5)	0	8.00(7)	0	5.71(5)
	Sept 10	0	1.23(1)	0	0	0	0	0	0	1.23(1)	2.46(2)	0	1.23(1)
Cisco	Jul 14	1.23(1)	30.77(25)	0	0	0	0	0	0	0	0	0	0
	Aug 23	6.86(6)	10.29(9)	0	10.29(9)	0	5.71(5)	0	8.00(7)	0	1.14(1)	0	0
	Sept 10	135.38(110)	65.23(53)	0	3.69(3)	1.23(1)	8.62(7)	0	6.15(5)	0	0	0	0
Sauger	Jul 14	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 23	0	0	0	0	0	0	0	0	0	0	0	0
	Sept 10	0	0	0	0	0	0	0	0	0	0	0	0
Yellow Perch	Jul 14	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 23	1.14(1)	0	0	0	0	0	0	0	0	0	0	0
	Sept 10	1.23(1)	0	0	0	0	0	0	0	0	0	0	0
Goldeye	Jul 14	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 23	0	0	0	0	0	0	0	0	0	0	0	0
	Sept 10	0	0	0	0	0	0	0	0	0	0	0	0

Table 13. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Station 51, 16 July and 21 August 1972, Southern Indian Lake.

Mesh Species	Date	1½ in		2 in		2½ in		3½ in		4½ in		5½ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Jul 16	3.69(3)	1.23(1)	2.46(2)	11.08(9)	0	30.77(25)	4.92(4)	27.08(22)	2.46(2)	20.92(17)	7.38(6)	9.85(8)
	Aug 21	7.38(6)	2.46(2)	11.08(9)	16.00(13)	13.54(11)	28.31(23)	9.85(8)	18.46(15)	4.92(4)	34.46(28)	2.46(2)	25.85(21)
Walleye	Jul 16	1.23(1)	0	0	0	1.23(1)	0	0	0	0	0	0	0
	Aug 21	3.69(3)	0	7.38(6)	0	12.31(10)	0	1.23(1)	0	0	0	0	0
Northern Pike	Jul 16	0	0	2.46(2)	0	6.15(5)	0	8.62(7)	0	2.46(2)	1.23(1)	0	0
	Aug 21	0	1.23(1)	4.92(4)	2.46(2)	3.69(3)	0	0	4.92(4)	1.23(1)	0	0	0
White Sucker	Jul 16	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 21	1.23(1)	0	2.46(2)	0	6.15(5)	0	12.31(10)	0	4.92(4)	1.23(1)	1.23(1)	0
Longnose Sucker	Jul 16	3.69(3)	0	1.23(1)	2.46(2)	7.38(6)	0	3.69(3)	8.62(7)	9.85(8)	1.23(1)	17.23(14)	3.69(3)
	Aug 21	1.23(1)	1.23(1)	7.38(6)	7.38(6)	7.38(6)	3.69(3)	17.23(14)	12.31(10)	23.38(19)	4.92(4)	13.54(11)	7.38(6)
Burbot	Jul 16	0	2.46(2)	0	3.69(3)	0	0	0	4.92(4)	1.23(1)	7.38(6)	0	0
	Aug 21	0	0	0	0	0	0	0	0	0	0	0	1.23(1)
Cisco	Jul 16	3.69(3)	19.69(16)	0	38.15(31)	1.23(1)	28.31(23)	0	2.46(2)	0	1.23(1)	0	1.23(1)
	Aug 21	6.15(5)	59.08(48)	6.15(5)	6.15(5)	0	9.85(8)	0	2.46(2)	0	0	0	1.23(1)
Sauger	Jul 16	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 21	0	0	0	0	0	0	0	0	0	0	0	0
Yellow Perch	Jul 16	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 21	0	0	0	0	0	0	0	0	0	0	0	0
Goldeye	Jul 16	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 21	0	0	0	0	0	0	0	0	0	0	0	0

Table 14. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Station 52, 15 July, 20 August and 11 September 1972, Southern Indian Lake. No deep set 20 August and 11 September.

Mesh Species	Date	1½ in		2 in		2¾ in		3½ in		4¼ in		5¼ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Jul 15	0	0	6.15(5)	2.46(2)	2.46(2)	0	2.46(2)	3.69(3)	2.46(2)	2.46(2)	1.23(1)	0
	Aug 20	0	0	7.11(6)	0	7.11(6)	0	4.74(4)	0	3.56(3)	0	9.48(8)	0
	Sept 11	0	0	0	0	3.69(3)	0	0	0	1.23(1)	0	0	0
Walleye	Jul 15	9.85(8)	6.15(5)	20.92(17)	35.69(29)	30.78(25)	22.15(18)	28.31(23)	16.00(13)	11.08(9)	6.15(5)	2.46(2)	0
	Aug 20	1.19(1)	0	0	0	1.19(1)	0	0	0	1.19(1)	0	0	0
	Sept 11	0	0	0	0	0	0	0	0	0	0	0	0
Northern Pike	Jul 15	2.46(2)	7.38(6)	6.15(5)	4.92(4)	3.69(3)	3.69(3)	1.23(1)	2.46(2)	0	0	0	0
	Aug 20	4.74(4)	0	4.74(4)	0	1.19(1)	0	1.19(1)	0	1.19(1)	0	0	0
	Sept 11	2.46(2)	0	0	0	2.46(2)	0	3.69(3)	0	1.23(1)	0	1.23(1)	0
White Sucker	Jul 15	2.46(2)	0	2.46(2)	2.46(2)	22.15(18)	9.85(8)	13.54(11)	0	3.69(3)	6.15(5)	1.23(1)	1.23(1)
	Aug 20	0	0	0	0	4.74(4)	0	3.56(3)	0	2.37(2)	0	0	0
	Sept 11	0	0	0	0	0	0	3.69(3)	0	0	0	0	0
Longnose Sucker	Jul 15	2.46(2)	1.23(1)	0	0	1.23(1)	4.92(4)	0	2.46(2)	4.92(4)	7.38(6)	1.23(1)	1.23(1)
	Aug 20	0	0	0	0	0	0	1.19(1)	0	0	0	0	0
	Sept 11	0	0	0	0	0	0	0	0	0	0	0	0
Burbot	Jul 15	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 20	0	0	0	0	0	0	0	0	1.19(1)	0	1.19(1)	0
	Sept 11	0	0	0	0	0	0	1.23(1)	0	3.69(3)	0	0	0
Cisco	Jul 15	6.15(5)	80.00(65)	0	4.92(4)	0	0	0	0	0	1.23(1)	0	0
	Aug 20	141.04(119)	0	15.41(13)	0	0	0	0	0	0	0	0	0
	Sept 11	33.23(27)	0	4.92(4)	0	0	0	1.23(1)	0	2.46(2)	0	1.23(1)	0
Sauger	Jul 15	0	2.46(2)	0	0	0	0	0	0	0	0	0	0
	Aug 20	0	0	0	0	0	0	0	0	0	0	0	0
	Sept 11	0	0	0	0	0	0	0	0	0	0	0	0
Yellow Perch	Jul 15	6.15(5)	1.23(1)	0	4.92(4)	2.46(2)	0	0	0	0	0	0	0
	Aug 20	0	0	0	0	0	0	0	0	0	0	0	0
	Sept 11	0	0	3.69(3)	0	0	0	0	0	0	0	0	0
Goldeye	Jul 15	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 20	0	0	0	0	0	0	0	0	0	0	0	0
	Sept 11	0	0	0	0	0	0	0	0	0	0	0	0

Table 15. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Station 53, 13 July and 22 August 1972, Southern Indian Lake. No deep set 13 July and 22 August.

Mesh Species	Date	1½ in		2 in		2¾ in		3½ in		4½ in		5½ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Jul 13	1.14(1)	0	0	0	0	0	2.29(2)	0	0	0	0	0
	Aug 22	25.85(21)	0	16.00(13)	0	13.54(11)	0	8.62(7)	0	3.69(3)	0	1.23(1)	0
Walleye	Jul 13	8.00(7)	0	36.57(32)	0	27.43(24)	0	32.00(28)	0	20.57(18)	0	1.14(1)	0
	Aug 22	4.92(4)	0	7.38(6)	0	14.77(12)	0	13.54(11)	0	22.15(18)	0	3.69(3)	0
Northern Pike	Jul 13	3.43(3)	0	9.14(8)	0	2.29(2)	0	0	0	1.14(1)	0	0	0
	Aug 22	1.23(1)	0	3.69(3)	0	2.46(2)	0	2.46(2)	0	0	0	0	0
White Sucker	Jul 13	3.43(3)	0	1.14(1)	0	16.00(14)	0	14.86(13)	0	12.57(11)	0	2.29(2)	0
	Aug 22	0	0	0	0	2.46(2)	0	7.38(6)	0	6.15(5)	0	1.23(1)	0
Longnose Sucker	Jul 13	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 22	0	0	0	0	0	0	0	0	0	0	0	0
Burbot	Jul 13	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 22	0	0	0	0	0	0	0	0	0	0	0	0
Cisco	Jul 13	3.43(3)	0	1.14(1)	0	0	0	0	0	0	0	0	0
	Aug 22	77.54(63)	0	1.23(1)	0	0	0	0	0	0	0	0	0
Sauger	Jul 13	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 22	0	0	0	0	0	0	0	0	0	0	0	0
Yellow Perch	Jul 13	12.57(11)	0	4.57(4)	0	0	0	0	0	0	0	0	0
	Aug 22	6.15(5)	0	9.85(8)	0	0	0	0	0	0	0	0	0
Goldeye	Jul 13	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 22	0	0	0	0	0	0	0	0	0	0	0	0



Table 16. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Station 60, 5 July, 14 August and 2 September 1972, Southern Indian Lake. Nets left set for two nights on 2 September.

Mesh	Date	1½ in		2 in		2¾ in		3½ in		4½ in		5½ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Jul 5	11.73(11)	0	0	1.07(1)	3.20(3)	1.07(1)	1.07(1)	3.20(3)	2.13(2)	2.13(2)	2.13(2)	0
	Aug 14	3.43(3)	3.43(3)	2.29(2)	0	1.14(1)	2.29(2)	2.29(2)	0	1.14(1)	0	1.14(1)	0
	Sept 2	0.43(1)	2.16(5)	0.86(2)	0	3.46(8)	0	2.59(6)	0	0.43(1)	0	0	0
Walleye	Jul 5	2.13(2)	2.13(2)	11.73(11)	8.53(8)	19.20(18)	8.53(8)	12.80(12)	2.13(2)	5.33(5)	2.13(2)	0	0
	Aug 14	2.29(2)	2.29(2)	11.43(10)	2.29(2)	13.71(12)	5.71(5)	13.71(12)	2.29(2)	6.86(6)	0	0	0
	Sept 2	0	0.43(1)	0	2.16(5)	0	3.03(7)	0	0.86(2)	0	0.43(1)	0	0
Northern Pike	Jul 5	3.20(3)	2.13(2)	4.27(4)	3.20(3)	11.73(11)	6.40(6)	5.33(5)	8.53(8)	1.07(1)	1.07(1)	0	0
	Aug 14	3.43(3)	2.29(2)	3.43(3)	1.14(1)	0	11.43(10)	3.43(3)	1.14(1)	1.14(1)	0	0	0
	Sept 2	0.43(1)	0	4.32(10)	1.30(3)	6.92(16)	2.16(5)	0.86(2)	2.16(5)	0	0.43(1)	0	0
White Sucker	Jul 5	2.13(2)	0	1.07(1)	3.20(3)	5.33(5)	2.13(2)	6.40(6)	4.27(4)	4.27(4)	2.13(2)	3.20(3)	2.13(2)
	Aug 14	2.29(2)	2.29(2)	4.57(4)	3.43(3)	10.29(9)	11.43(10)	2.29(2)	12.57(11)	0	5.71(5)	0	1.14(1)
	Sept 2	0	0	0	0.43(1)	3.46(8)	0	2.16(5)	1.73(4)	2.16(5)	0.86(2)	0.43(1)	0.43(1)
Longnose Sucker	Jul 5	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 14	0	0	0	0	0	0	0	0	0	0	0	0
	Sept 2	0	0	0	0	0	0	0	0.43(1)	0	0	0	0
Burbot	Jul 5	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 14	0	0	0	0	0	0	0	0	0	0	0	0
	Sept 2	0	0	0	0	0	0	0	0	0	0	0	0
Cisco	Jul 5	0	0	0	1.07(1)	0	0	0	1.07(1)	1.07(1)	0	0	0
	Aug 14	14.86(13)	10.29(9)	14.86(13)	14.86(13)	1.14(1)	4.57(4)	0	0	0	0	0	0
	Sept 2	7.35(17)	20.32(47)	4.76(11)	28.97(67)	0.43(1)	14.27(33)	0	1.73(4)	0	0	0	0
Sauger	Jul 5	2.13(2)	2.13(2)	6.40(6)	1.07(1)	0	0	0	0	0	0	0	0
	Aug 14	3.43(3)	3.43(3)	6.86(6)	6.86(6)	1.14(1)	3.43(3)	0	0	0	0	0	0
	Sept 2	0	0.86(2)	0.86(2)	6.92(16)	0	6.49(15)	0	0	0	0	0	0
Yellow Perch	Jul 5	7.47(7)	1.07(1)	0	0	0	0	0	0	0	0	0	0
	Aug 14	2.29(2)	6.86(6)	3.43(3)	0	0	0	0	0	0	0	0	0
	Sept 2	1.30(3)	11.24(26)	1.73(4)	2.59(6)	0	0	0	0	0	0	0	0
Goldeye	Jul 5	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 14	0	0	0	0	0	0	0	0	0	0	0	0
	Sept 2	0	0	0	0	0	0	0	0	0	0	0	0

Table 17. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Station 61, 4 July and 15 August 1972, Southern Indian Lake.

Mesh Species	Date	1½ in		2 in		2½ in		3½ in		4½ in		5½ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Jul 4	2.29(2)	2.29(2)	1.14(1)	1.14(1)	1.14(1)	2.29(2)	0	0	1.14(1)	1.14(1)	2.29(2)	2.29(2)
	Aug 15	0	0	1.19(1)	0	4.74(4)	1.19(1)	2.37(2)	1.19(1)	0	1.19(1)	0	0
Walleye	Jul 4	6.86(6)	17.14(15)	17.14(15)	24.00(21)	25.14(22)	17.14(15)	1.14(1)	3.43(3)	2.29(2)	1.14(1)	1.14(1)	0
	Aug 15	1.19(1)	1.19(1)	2.37(2)	4.74(4)	0	9.48(8)	1.19(1)	2.37(2)	0	0	0	0
Northern Pike	Jul 4	0	1.14(1)	9.14(8)	3.43(3)	9.14(8)	1.14(1)	3.43(3)	0	0	0	1.14(1)	0
	Aug 15	0	1.19(1)	3.56(3)	1.19(1)	5.93(5)	2.37(2)	0	1.19(1)	0	0	0	0
White Sucker	Jul 4	2.29(2)	2.29(2)	1.14(1)	1.14(1)	16(14)	19.43(17)	2.29(2)	13.71(12)	3.43(3)	11.43(10)	0	0
	Aug 15	0	0	4.74(4)	4.74(4)	10.67(9)	11.85(10)	20.15(17)	17.78(15)	3.56(3)	4.74(4)	1.19(1)	0
Longnose Sucker	Jul 4	2.29(2)	1.14(1)	0	1.14(1)	1.14(1)	2.29(2)	0	0	0	0	0	0
	Aug 15	0	0	0	0	0	0	0	0	0	0	0	0
Burbot	Jul 4	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 15	0	0	0	0	0	0	0	0	0	0	0	0
Cisco	Jul 4	2.29(2)	3.43(3)	6.86(6)	9.14(8)	0	2.29(2)	2.29(2)	0	0	1.14(1)	0	0
	Aug 15	29.63(25)	50.96(43)	16.59(14)	43.85(37)	11.85(10)	9.48(8)	2.37(2)	3.56(3)	0	0	0	0
Sauger	Jul 4	0	0	2.29(2)	1.14(1)	5.71(5)	1.14(1)	0	1.14(1)	0	0	0	0
	Aug 15	1.19(1)	1.19(1)	4.74(4)	8.30(7)	0	0	0	0	0	0	0	0
Yellow Perch	Jul 4	5.71(5)	3.43(3)	2.29(2)	2.29(2)	0	0	0	0	0	0	0	0
	Aug 15	2.37(2)	2.37(2)	4.74(4)	2.37(2)	0	0	0	0	0	0	0	0
Goldeye	Jul 4	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 15	0	0	0	0	0	0	0	0	0	0	0	0

Table 18. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Station 62, 6 July, 13 August, and 4 September 1972, Southern Indian Lake. No deep sets on 6 July, 13 August and 4 September.

Mesh		1½ in	2 in	2¾ in	3½ in	4¼ in	5¼ in
Species	Date	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lake Whitefish	Jul 6	2.00(2)	3.00(3)	0	2(2)	1(1)	0
	Aug 13	2.37(2)	0	13.04(11)	5.93(5)	3.56(3)	1.19(1)
	Sept 4	2.21(2)	7.72(7)	3.31(3)	6.62(6)	0	1.10(1)
Walleye	Jul 6	3.00(3)	6.00(6)	4(4)	4(4)	2(2)	0
	Aug 13	0	0	3.56(3)	2.37(2)	0	0
	Sept 4	0	1.10(1)	2.21(2)	0	0	0
Northern Pike	Jul 6	1.00(1)	0	2(2)	1(1)	0	0
	Aug 13	2.37(2)	0	2.37(2)	3.56(3)	0	0
	Sept 4	1.10(1)	2.21(2)	11.03(10)	5.52(5)	1.10(1)	0
White Sucker	Jul 6	0	0	1(1)	1(1)	1(1)	0
	Aug 13	0	0	1.19(1)	1.19(1)	0	0
	Sept 4	1.10(1)	0	0	3.31(3)	0	0
Longnose Sucker	Jul 6	0	0	0	0	0	0
	Aug 13	0	1.19(1)	0	0	0	0
	Sept 4	0	0	0	0	0	0
Burbot	Jul 6	0	0	0	0	0	0
	Aug 13	0	0	0	0	0	0
	Sept 4	0	0	0	0	0	0
Cisco	Jul 6	0	0	0	0	0	0
	Aug 13	27.26(23)	47.41(40)	17.78(15)	0	0	1.19(1)
	Sept 4	43.03(39)	23.17(21)	16.55(15)	4.41(4)	0	1.10(1)
Sauger	Jul 6	16.00(16)	31.00(31)	1(1)	0	0	0
	Aug 13	7.11(6)	18.96(16)	0	0	0	0
	Sept 4	7.72(7)	5.52(5)	5.52(5)	0	0	0
Yellow Perch	Jul 6	1.00(1)	0	0	0	0	0
	Aug 13	1.19(1)	1.19(1)	0	0	0	0
	Sept 4	0	0	0	0	0	0
Goldeye	Jul 6	0	0	0	0	0	0
	Aug 13	0	0	1.19(1)	0	0	0
	Sept 4	0	0	0	0	0	0

Table 19. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Station 71, 6 August and 30 August 1972, Southern Indian Lake.

Mesh Species	Date	1½ in		2 in		2¾ in		3½ in		4½ in		5¼ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Aug 6	2.29(2)	2.29(2)	6.86(6)	0	9.14(8)	19.43(17)	6.86(6)	13.71(12)	4.57(4)	12.57(11)	2.29(2)	9.14(8)
	Aug 30	2.46(2)	1.23(1)	1.23(1)	9.85(8)	6.15(5)	13.54(11)	2.46(2)	8.62(7)	3.69(3)	13.54(11)	0	4.92(4)
Walleye	Aug 6	0	0	1.14(1)	0	2.29(2)	0	0	0	0	0	0	0
	Aug 30	0	0	2.46(2)	0	4.92(4)	0	2.46(2)	0	0	0	0	0
Northern Pike	Aug 6	4.57(4)	0	9.14(8)	0	10.29(9)	0	4.57(4)	3.43(3)	4.57(4)	1.14(1)	1.14(1)	0
	Aug 30	2.46(2)	1.23(1)	8.62(7)	2.46(2)	3.69(3)	1.23(1)	11.08(9)	3.69(3)	3.69(3)	3.69(3)	0	1.23(1)
White Sucker	Aug 6	0	0	3.43(3)	0	2.29(2)	0	2.29(2)	0	0	0	0	0
	Aug 30	23.38(19)	0	3.69(3)	1.23(1)	6.15(5)	7.38(6)	1.23(1)	1.23(1)	0	0	2.46(2)	0
Longnose Sucker	Aug 6	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 30	0	0	0	0	0	0	0	0	0	1.23(1)	0	0
Burbot	Aug 6	0	1.14(1)	0	1.14(1)	0	1.14(1)	0	0	1.14(1)	5.71(5)	0	0
	Aug 30	0	1.23(1)	0	0	0	0	0	0	0	2.46(2)	0	1.23(1)
Cisco	Aug 6	2.29(2)	136.00(119)	0	126.86(111)	2.29(2)	46.86(41)	0	22.86(20)	0	6.86(6)	0	2.29(2)
	Aug 30	0	89.85(73)	0	71.38(58)	0	22.15(18)	0	6.15(5)	0	0	0	2.46(2)
Sauger	Aug 6	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 30	1.23(1)	1.23(1)	0	0	0	0	0	0	0	0	0	0
Yellow Perch	Aug 6	10.29(9)	0	2.29(2)	0	0	0	0	0	0	0	1.14(1)	0
	Aug 30	1.23(1)	0	0	0	0	0	0	0	0	0	0	0
Goldeye	Aug 6	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 30	0	0	0	0	0	0	0	0	0	0	0	0

Table 20. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Station 72, 5 August, 28 August and 29 August 1972, Southern Indian Lake.

Mesh Species	Date	1½ in		2 in		2¾ in		3½ in		4¼ in		5¼ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Aug 5	0	1.14(1)	0	0	0	0	0	0	0	0	0	0
	Aug 28	0	2.46(2)	1.23(1)	1.23(1)	2.46(2)	0	0	1.23(1)	0	2.46(2)	1.23(1)	0
	Aug 29	0	0	0	0	2.46(2)	1.23(1)	0	1.23(1)	0	1.23(1)	0	0
Walleye	Aug 5	1.14(1)	8.00(7)	3.43(3)	16.00(14)	0	29.71(26)	1.14(1)	32.00(28)	3.43(3)	11.43(10)	0	0
	Aug 28	2.46(2)	0	4.92(4)	1.23(1)	1.23(1)	1.23(1)	1.23(1)	0	0	3.69(3)	0	2.46(2)
	Aug 29	1.23(1)	0	1.23(1)	1.23(1)	3.69(3)	2.46(2)	7.38(6)	0	0	0	0	0
Northern Pike	Aug 5	1.14(1)	0	0	1.14(1)	0	2.29(2)	2.29(2)	3.43(3)	0	1.14(1)	0	0
	Aug 28	1.23(1)	0	1.23(1)	2.46(2)	8.62(7)	4.92(4)	2.46(2)	3.69(3)	0	1.23(1)	0	1.23(1)
	Aug 29	0	1.23(1)	6.15(5)	1.23(1)	6.15(5)	0	9.85(8)	1.23(1)	0	0	0	1.23(1)
White Sucker	Aug 5	1.14(1)	0	1.14(1)	0	0	2.29(2)	0	4.57(4)	0	0	0	0
	Aug 28	0	1.23(1)	7.38(6)	1.23(1)	3.69(3)	0	6.15(5)	0	0	0	0	0
	Aug 29	0	0	0	0	0	0	2.46(2)	0	0	0	0	0
Longnose Sucker	Aug 5	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 28	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 29	0	0	0	0	0	0	0	0	0	0	0	0
Burbot	Aug 5	0	1.14(1)	0	0	0	0	0	1.14(1)	0	0	0	2.29(2)
	Aug 28	0	0	0	0	0	2.46(2)	0	1.23(1)	0	1.23(1)	0	0
	Aug 29	0	0	0	0	0	0	0	0	0	2.46(2)	0	1.23(1)
Cisco	Aug 5	0	32.00(28)	1.14(1)	34.29(30)	0	26.29(23)	0	25.14(22)	0	19.43(17)	0	10.29(9)
	Aug 28	0	35.69(29)	1.23(1)	99.69(81)	0	25.85(21)	0	20.92(17)	0	28.31(23)	0	0
	Aug 29	6.15(5)	109.54(89)	0	61.54(50)	0	32.00(26)	0	30.77(25)	0	19.69(16)	0	4.92(4)
Sauger	Aug 5	0	0	0	1.14(1)	0	0	0	0	0	1.14(1)	0	0
	Aug 28	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 29	0	0	0	0	0	1.23(1)	0	0	0	0	0	0
Yellow Perch	Aug 5	1.14(1)	0	0	0	0	0	0	0	0	0	0	0
	Aug 28	1.23(1)	1.23(1)	2.46(2)	0	0	0	0	0	0	0	0	0
	Aug 29	0	0	0	0	0	0	0	0	0	0	0	0
Goldeye	Aug 5	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 28	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 29	0	0	0	0	0	0	0	0	0	0	0	0

Table 21. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Station 73, 3 July 1972, Southern Indian Lake. No shallow set.

Mesh		1½ in	2 in	2¾ in	3½ in	4¼ in	5¼ in
Species	Date	Deep	Deep	Deep	Deep	Deep	Deep
Lake Whitefish	Jul 3	7.27(5)	5.82(4)	2.91(2)	5.82(4)	5.82(4)	4.36(3)
Walleye	Jul 3	1.45(1)	13.09(9)	16.00(11)	4.36(3)	1.45(1)	0
Northern Pike	Jul 3	1.45(1)	4.36(3)	11.64(8)	14.55(10)	1.45(1)	0
White Sucker	Jul 3	0	0	7.27(5)	5.82(4)	5.82(4)	1.45(1)
Longnose Sucker	Jul 3	0	0	1.45(1)	1.45(1)	2.91(2)	0
Burbot	Jul 3	0	0	0	0	1.45(1)	1.45(1)
Cisco	Jul 3	0	1.45(1)	0	0	0	0
Sauger	Jul 3	0	0	0	0	0	0
Yellow Perch	Jul 3	4.36(3)	1.45(1)	0	0	0	0
Goldeye	Jul 3	0	0	0	0	0	0

Table 22. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Area 2, 27 June, 17 July and 25 July 1974, Southern Indian Lake. Deep sets only.

Mesh		1½ in	2 in	2¾ in	3½ in	4¼ in	5¼ in
Species	Date	Deep	Deep	Deep	Deep	Deep	Deep
Lake Whitefish	Jun 27	0.82(1)	0	5.74(7)	0.82(1)	0.82(1)	0
	Jul 17	1.39(2)	10.43(15)	0.70(1)	6.96(10)	0.70(1)	0.70(1)
	Jul 25	1.45(1)	5.82(4)	17.45(12)	7.27(5)	4.36(3)	0
Walleye	Jun 27	0.82(1)	1.64(2)	0	0	0	0
	Jul 17	2.09(3)	0.70(1)	0.70(1)	0	0.70(1)	0
	Jul 25	1.45(1)	1.45(1)	2.91(2)	0	0	0
Northern Pike	Jun 27	2.46(3)	7.38(9)	9.03(11)	6.56(8)	1.64(2)	0.82(1)
	Jul 17	1.39(2)	1.39(2)	2.78(4)	3.48(5)	0	0
	Jul 25	7.27(5)	7.27(5)	11.64(8)	1.45(1)	0	0
White Sucker	Jun 27	1.64(2)	4.10(5)	4.92(6)	34.46(42)	20.51(25)	12.31(15)
	Jul 17	4.17(6)	7.65(11)	7.65(11)	10.43(15)	18.09(26)	4.17(6)
	Jul 25	21.82(15)	26.18(18)	17.45(12)	10.18(7)	11.64(8)	5.82(4)
Longnose Sucker	Jun 27	2.46(3)	2.46(3)	0.82(1)	1.64(2)	2.46(3)	0.82(1)
	Jul 17	2.78(4)	0	0	0	2.09(3)	0
	Jul 25	0	0	0	0	0	0
Burbot	Jun 27	0	0	0	0	0	0
	Jul 17	0.70(1)	0	0	0	0	0
	Jul 25	0	0	0	0	0	0
Cisco	Jun 27	13.13(16)	8.21(10)	4.10(5)	0.82(1)	0.82(1)	0
	Jul 17	12.52(18)	5.57(8)	0	0.70(1)	0	0
	Jul 25	24.73(17)	61.09(42)	26.18(18)	5.82(4)	0	0
Sauger	Jun 27	0	0	0	0	0	0
	Jul 17	0	0	0	0	0	0
	Jul 25	0	0	0	0	0	0
Yellow Perch	Jun 27	0	0.82(1)	0	0	0	0
	Jul 17	0	0	0	0	0	0
	Jul 25	0	0	1.45(1)	0	0	0
Goldeye	Jun 27	0	0	0	0	0	0
	Jul 17	0	0	0	0	0	0
	Jul 25	0	0	0	0	0	0

Table 23. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Area 2, 4 August (deep set only), 20 September (shallow set only), and 21 September (deep set only) 1974, Southern Indian Lake.

Mesh Species	Date	1½ in		2 in		2¾ in		3½ in		4¼ in		5¼ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Aug 4		26.43(19)		30.61(22)		11.13(8)		5.57(4)		1.39(1)		0
	Sept 20	1.39(2)		7.65(11)		2.09(3)		3.48(5)		3.48(5)		2.09(3)	
	Sept 21		26.00(26)		4.00(4)		4.00(4)		4.00(4)		4.00(4)		0
Walleye	Aug 4		6.96(5)		11.13(8)		8.35(6)		9.74(7)		1.39(1)		0
	Sept 20	0.70(1)		2.78(4)		3.48(5)		7.65(11)		2.09(3)		0.70(1)	
	Sept 21		10.00(10)		22.00(22)		30.00(30)		30.00(30)		11.00(11)		0
Northern Pike	Aug 4		0		0		0		1.39(1)		0		0
	Sept 20	3.48(5)		2.09(3)		2.78(4)		4.17(6)		3.48(5)		2.09(3)	
	Sept 21		2.00(2)		2.00(2)		1.00(1)		0		0		0
White Sucker	Aug 4		4.17(3)		9.74(7)		29.22(21)		30.61(22)		32.00(23)		6.96(5)
	Sept 20	0		0.70(1)		7.65(11)		11.13(16)		6.26(9)		9.04(13)	
	Sept 21		23.00(23)		4.00(4)		3.00(3)		21.00(21)		22.00(22)		0
Longnose Sucker	Aug 4		2.78(2)		2.78(2)		2.78(2)		6.96(5)		9.74(7)		5.57(4)
	Sept 20	0		0		0		0		0		0	
	Sept 21		0		0		0		0		0	1.00(1)	
Burbot	Aug 4		0		0		0		0		0		1.39(1)
	Sept 20	0		0		0		0		2.09(3)		0	
	Sept 21		0		0		0		0		1.00(1)		2.00(2)
Cisco	Aug 4		19.48(14)		19.48(14)		5.57(4)		1.39(1)		0		0
	Sept 20	0.70(1)		9.04(13)		0		0		0		0	
	Sept 21		4.00(4)		6.00(6)		0		0		0		0
Sauger	Aug 4		0		1.39(1)		2.78(2)		0		0		0
	Sept 20	0		0		0		0		0		0	
	Sept 21		0		0		0		0		0		0
Yellow Perch	Aug 4		0		1.39(1)		0		0		0		0
	Sept 20	1.39(2)		0.70(1)		0.70(1)		0.70(1)		0		0	
	Sept 21		1.00(1)		0		0		0		0		0
Goldeye	Aug 4		0		0		0		0		0		0
	Sept 20	0		0		0		0		0		0	
	Sept 21		0		0		0		0		0		0



Table 24. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Area 2, 22 September ( 2 deep sets only) 1974, Southern Indian Lake.

Mesh		1½ in	2 in	2¾ in	3½ in	4½ in	5½ in
Species	Date	Deep	Deep	Deep	Deep	Deep	Deep
Lake Whitefish	Sept 22	14.93(14)	9.60(9)	7.47(7)	3.20(3)	5.35(5)	2.13(2)
	Sept 22	16.52(16)	3.10(3)	6.19(6)	0	4.13(4)	2.06(2)
Walleye	Sept 22	3.20(3)	5.33(5)	2.13(2)	8.53(8)	3.20(3)	1.07(1)
	Sept 22	4.13(4)	18.58(18)	13.42(13)	7.23(7)	19.61(19)	4.13(4)
Northern Pike	Sept 22	4.27(4)	0	2.13(2)	1.07(1)	1.07(1)	0
	Sept 22	3.10(3)	0	2.06(2)	0	2.06(2)	0
White Sucker	Sept 22	2.13(2)	17.07(16)	19.20(18)	20.27(19)	32.00(30)	13.87(13)
	Sept 22	4.13(4)	7.23(7)	4.13(4)	17.55(17)	20.65(20)	5.16(5)
Longnose Sucker	Sept 22	1.07(1)	1.07(1)	0	1.07(1)	2.13(2)	0
	Sept 22	0	0	0	0	0	0
Burbot	Sept 22	0	0	0	5.33(5)	3.20(3)	1.07(1)
	Sept 22	0	0	0	0	1.03(1)	1.03(1)
Cisco	Sept 22	21.33(20)	16.00(15)	1.07(1)	1.07(1)	0	0
	Sept 22	6.19(6)	4.13(4)	0	0	0	0
Sauger	Sept 22	0	0	0	0	0	0
	Sept 22	0	0	0	0	0	0
Yellow Perch	Sept 22	0	0	0	0	0	0
	Sept 22	0	0	0	0	0	0
Goldeye	Sept 22	0	0	0	0	0	0
	Sept 22	0	0	0	0	0	0

Table 25. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Area 4 (deep set only), 27 August 1974, Southern Indian Lake.

Mesh		1½ in	2 in	2¾ in	3½ in	4¼ in	5¼ in
Species	Date	Deep	Deep	Deep	Deep	Deep	Deep
Lake Whitefish	Aug 27	2.46(6)	2.05(5)	1.64(4)	4.10(10)	2.05(5)	0
Walleye	Aug 27	1.23(3)	1.64(4)	2.05(5)	2.87(7)	0.82(2)	0.41(1)
Northern Pike	Aug 27	1.23(3)	2.05(5)	0.82(2)	1.64(4)	0.41(1)	0
White Sucker	Aug 27	1.23(3)	0.82(2)	0	1.64(4)	0.82(2)	0.41(1)
Longnose Sucker	Aug 27	9.44(23)	9.44(23)	1.64(4)	6.56(16)	14.36(35)	6.97(17)
Burbot	Aug 27	0.82(2)	0	0	0	0	0.82(2)
Cisco	Aug 27	5.74(14)	2.46(6)	0	0	0	0
Sauger	Aug 27	0	0	0	0	0	0
Yellow Perch	Aug 27	0	0	0	0	0	0
Goldeye	Aug 27	0	0	0	0	0	0

Table 26. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Area 5, 22 August and 23 August 1974 (deep sets only), Southern Indian Lake.

Mesh		1½ in	2 in	2½ in	3½ in	4½ in	5½ in
Species	Date	Deep	Deep	Deep	Deep	Deep	Deep
Lake Whitefish	Aug 22	4.74(4)	2.37(2)	1.19(1)	4.74(4)	3.56(3)	2.37(2)
	Aug 23	5.33(5)	1.07(1)	1.07(1)	3.20(3)	3.20(3)	4.27(4)
Walleye	Aug 22	7.11(6)	21.33(18)	13.04(11)	9.48(8)	4.74(4)	1.19(1)
	Aug 23	8.53(8)	13.87(13)	17.07(16)	17.07(16)	5.33(5)	0
Northern Pike	Aug 22	1.19(1)	0	0	0	0	0
	Aug 23	3.20(3)	2.13(2)	4.27(4)	3.20(3)	0	0
White Sucker	Aug 22	10.67(9)	3.56(3)	2.37(2)	10.67(9)	5.93(5)	0
	Aug 23	0	5.33(5)	1.07(1)	12.80(12)	4.27(4)	0
Longnose Sucker	Aug 22	0	1.19(1)	0	4.74(4)	14.22(12)	4.74(4)
	Aug 23	0	5.33(5)	4.27(4)	1.07(1)	14.93(14)	4.27(4)
Burbot	Aug 22	0	0	0	1.19(1)	1.19(1)	0
	Aug 23	0	0	0	0	3.20(3)	1.07(1)
Cisco	Aug 22	10.67(9)	0	1.19(1)	1.19(1)	0	0
	Aug 23	9.60(9)	0	2.13(2)	0	0	0
Sauger	Aug 22	0	0	0	0	0	0
	Aug 23	0	0	0	0	0	0
Yellow Perch	Aug 22	0	0	0	0	0	0
	Aug 23	0	0	0	0	0	0
Goldeye	Aug 22	0	0	0	0	0	0
	Aug 23	0	0	0	0	0	0

Table 27. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Area 6, 29 June, 2 July, 21 July 1974 (Deep sets only), Southern Indian Lake.

Mesh		1½ in	2 in	2¾ in	3½ in	4¼ in	5¼ in
Species	Date	Deep	Deep	Deep	Deep	Deep	Deep
Lake Whitefish	Jun 29	0	0	1.23(1)	2.46(2)	1.23(1)	1.23(1)
	Jul 2	0	6.15(5)	2.46(2)	1.23(1)	6.15(5)	1.23(1)
	Jul 21	1.33(2)	0.67(1)	0.67(1)	0	2.00(3)	0
Walleye	Jun 29	6.15(5)	3.69(3)	3.69(3)	1.23(1)	1.23(1)	0
	Jul 2	6.15(5)	4.92(4)	19.69(16)	0	0	0
	Jul 21	8.00(12)	13.33(20)	0.67(1)	10.00(15)	5.33(8)	0
Northern Pike	Jun 29	3.69(3)	3.69(3)	9.85(8)	9.85(8)	1.23(1)	0
	Jul 2	1.23(1)	3.69(3)	1.23(1)	3.69(3)	0	0
	Jul 21	2.67(4)	2.67(4)	0	6.00(9)	4.00(6)	0
White Sucker	Jun 29	0	0	0	0	1.23(1)	0
	Jul 2	0	3.69(3)	6.15(5)	8.62(7)	3.69(3)	0
	Jul 21	1.33(2)	2.00(3)	12.67(19)	6.00(9)	4.67(7)	0
Longnose Sucker	Jun 29	0	0	1.23(1)	0	0	0
	Jul 2	0	0	0	0	1.23(1)	0
	Jul 21	0	0	0	0	0	0
Burbot	Jun 29	0	0	0	0	1.23(1)	0
	Jul 2	0	0	0	0	0	0
	Jul 21	0	0	0	0	0	0
Cisco	Jun 29	7.38(6)	7.38(6)	2.46(2)	0	0	0
	Jul 2	20.92(17)	0	6.15(5)	0	0	0
	Jul 21	0	2.67(4)	0	0	0	0
Sauger	Jun 29	0	0	0	0	0	0
	Jul 2	0	0	0	0	0	0
	Jul 21	0	0	0	0	0	0
Yellow Perch	Jun 29	0	0	0	0	0	0
	Jul 2	1.23(1)	0	0	0	0	0
	Jul 21	2.00(3)	0	0	0	0	0
Goldeye	Jun 29	0	0	0	0	0	0
	Jul 2	0	0	0	0	0	0
	Jul 21	0	0	0	0	0	0

Table 28. Catch per unit effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Area 6, 30 July (deep set only), 11 September (deep set only), 19 September (shallow set only), 1974, Southern Indian Lake.

Mesh	Date	1½ in		2 in		2¾ in		3½ in		4¼ in		5¼ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Ju1 30		30.61(22)		20.87(15)		4.17(3)		2.78(2)		0		0
	Sept 11		9.33(7)		2.67(2)		2.67(2)		1.33(1)		0		0
	Sept 19	1.83(2)		0		0		0		0		0.91(1)	
Walleye	Ju1 30		22.26(16)		1.39(1)		0		1.39(1)		1.39(1)		0
	Sept 11		13.33(10)		2.67(2)		2.67(2)		1.33(1)		0		0
	Sept 19	0		11.89(13)		2.74(3)		9.14(10)		7.31(8)		0	
Northern Pike	Ju1 30		2.78(2)		9.74(7)		8.35(6)		2.78(2)		2.78(2)		0
	Sept 11		0		1.33(1)		1.33(1)		2.67(2)		0		0
	Sept 19	0.91(1)		3.66(4)		5.49(6)		0.91(1)		1.83(2)		0	
White Sucker	Ju1 30		0		4.17(3)		2.78(2)		6.96(5)		5.57(4)		1.39(1)
	Sept 11		1.33(1)		4.00(3)		0		1.33(1)		2.67(2)		0
	Sept 19	0		0		0		0.91(1)		3.66(4)		0	
Longnose Sucker	Ju1 30		0		0		0		0		0		0
	Sept 11		0		0		0		0		0		0
	Sept 19	0		0		0		0		0.91(1)		0	
Burbot	Ju1 30		0		0		0		0		0		0
	Sept 11		0		0		0		0		0		0
	Sept 19	0		0		0		0.91(1)		0		0	
Cisco	Ju1 30		4.17(3)		1.39(1)		0		0		0		0
	Sept 11		4.00(3)		5.33(4)		1.33(1)		0		0		0
	Sept 19	7.31(8)		22.86(25)		5.49(6)		3.66(4)		0		0	
Sauger	Ju1 30		0		0		0		0		0		0
	Sept 11		0		1.33(1)		0		0		0		0
	Sept 19	0		0.91(1)		0.91(1)		0		0		0	
Yellow Perch	Ju1 30		4.17(3)		1.39(1)		0		0		0		0
	Sept 11		0		1.33(1)		0		0		0		0
	Sept 19	0		0.91(1)		0		0		0		0	
Goldeye	Ju1 30		0		0		0		0		0		0
	Sept 11		0		0		0		0		0		0
	Sept 19	0		0		0		0		0		0	

Table 29. Catch per unit effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Area 6, 19 September, 20 September, 23 September 1974 (Shallow sets only), Southern Indian Lake.

Mesh		1½ in	2 in	2¾ in	3½ in	4¼ in	5¼ in
Species	Date	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lake Whitefish	Sept 19	0	1.00(1)	0	0	1.00(1)	0
	Sept 20	0	1.33(2)	0	0	1.33(2)	2.67(4)
	Sept 23	2.29(2)	0	1.14(1)	0	0	0
Walleye	Sept 19	2.00(2)	13.00(13)	6.00(6)	14.00(14)	9.00(9)	2.00(2)
	Sept 20	1.33(2)	6.67(10)	2.00(3)	16.67(25)	9.33(14)	0
	Sept 23	8.00(7)	2.29(2)	2.29(2)	3.43(3)	16.00(14)	1.14(1)
Northern Pike	Sept 19	2.00(2)	1.00(1)	2.00(2)	1.00(1)	3.00(3)	0
	Sept 20	0	2.00(3)	0	1.33(2)	0.67(1)	0
	Sept 23	1.14(1)	1.14(1)	1.14(1)	1.14(1)	1.14(1)	0
White Sucker	Sept 19	0	3.00(3)	0	2.00(2)	2.00(2)	0
	Sept 20	0	0.67(1)	0	0	1.33(2)	0.67(1)
	Sept 23	2.29(2)	0	0	0	0	0
Longnose Sucker	Sept 19	0	0	0	0	0	0
	Sept 20	0	0	0	0	0	0
	Sept 23	0	0	0	0	0	0
Burbot	Sept 19	0	0	1.00(1)	0	0	0
	Sept 20	0	0	0	0	0	0
	Sept 23	0	0	0	0	0	0
Cisco	Sept 19	5.00(5)	19.00(19)	17.00(17)	1.00(1)	0	0
	Sept 20	1.33(2)	7.33(11)	0	2.67(4)	0	0
	Sept 23	5.71(5)	21.71(19)	1.14(1)	0	1.14(1)	0
Sauger	Sept 19	0	0	0	0	0	0
	Sept 20	0	0	0	0	0	0
	Sept 23	0	0	0	0	0	0
Yellow Perch	Sept 19	0	0	0	0	0	0
	Sept 20	0	0	0	0	0	0
	Sept 23	1.14(1)	0	0	0	0	0
Goldeye	Sept 19	0	0	0	0	0	0
	Sept 20	0	0	0	0	0	0
	Sept 23	0	0	0	0	0	0

Table 30. Catch per unit effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Area 6, 23 September, 23 September, 24 September 1974 (shallow sets only), Southern Indian Lake.

Mesh		1½ in	2 in	2¾ in	3½ in	4¼ in	5¼ in
Species	Date	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lake Whitefish	Sept 23	0	2.00(2)	0	0	0	0
	Sept 23	2.13(1)	0	0	2.13(1)	2.13(1)	2.13(1)
	Sept 24	0.73(1)	0.73(1)	1.45(2)	0	0	0
Walleye	Sept 23	2.00(2)	3.00(3)	10.00(10)	6.00(6)	4.00(4)	0
	Sept 23	4.27(2)	6.40(3)	12.80(6)	25.60(12)	6.40(3)	0
	Sept 24	0	2.18(3)	11.64(16)	2.18(3)	5.09(7)	0
Northern Pike	Sept 23	0	3.00(3)	4.00(4)	1.00(1)	0	0
	Sept 23	4.27(2)	8.53(4)	2.13(1)	2.13(1)	0	0
	Sept 24	2.91(4)	3.64(5)	2.18(3)	0.73(1)	0	0
White Sucker	Sept 23	0	5.00(5)	2.00(2)	8.00(8)	5.00(5)	0
	Sept 23	0	10.67(5)	12.80(6)	6.40(3)	10.67(5)	0
	Sept 24	0	0	3.64(5)	1.45(2)	0	0
Longnose Sucker	Sept 23	0	0	0	0	0	0
	Sept 23	0	0	0	0	0	0
	Sept 24	0	0	0	0	0	0
Burbot	Sept 23	0	0	0	1.00(1)	2.00(2)	0
	Sept 23	0	0	0	0	0	0
	Sept 24	0	0	0	0	0	0
Cisco	Sept 23	25.00(25)	18.00(18)	10.00(10)	1.00(1)	0	1.00(1)
	Sept 23	6.40(3)	4.27(2)	10.67(5)	0	0	0
	Sept 24	8.00(11)	10.18(14)	2.91(4)	1.45(2)	0	0
Sauger	Sept 23	0	0	0	2.00(2)	0	0
	Sept 23	0	0	6.40(3)	2.13(1)	0	0
	Sept 24	0	0	0	0	0	0
Yellow Perch	Sept 23	1.00(1)	1.00(1)	2.00(2)	0	0	0
	Sept 23	0	6.40(3)	0	0	0	0
	Sept 24	1.45(2)	0.73(1)	0	0	0	0
Goldeye	Sept 23	0	0	0	0	0	0
	Sept 23	0	0	0	0	0	0
	Sept 24	0	0	0	0	0	0

Table 31. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Area 2, 4 June (shallow set only), 5 June (deep set only), and 6 June (deep set only) 1975, Southern Indian Lake.

Mesh Species	Date	1½ in		2 in		2¾ in		3½ in		4¼ in		5¼ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Jun 4	0		1.28(1)		6.40(5)		0		1.28(1)		1.28(1)	
	Jun 5		5.33(4)		10.67(8)		9.33(7)		20(15)		12(9)		2.67(2)
	Jun 6		3.69(3)		3.69(3)		6.15(5)		13.54(11)		11.08(9)		2.46(2)
Walleye	Jun 4	0		0		2.56(2)		0		0		0	
	Jun 5		1.33(1)		4(3)		1.33(1)		0		0		0
	Jun 6		0		2.46(2)		0		0		1.23(1)		0
Northern Pike	Jun 4	2.56(2)		14.08(11)		16.64(13)		6.40(5)		2.56(2)		0	
	Jun 5		0		2.67(2)		0		0		1.33(1)		0
	Jun 6		1.23(1)		0		0		1.23(1)		1.23(1)		0
White Sucker	Jun 4	0		6.40(5)		10.24(8)		25.60(20)		14.08(11)		1.28(1)	
	Jun 5		0		0		1.33(1)		0		0		0
	Jun 6		0		0		0		0		1.23(1)		0
Longnose Sucker	Jun 4	1.28(1)		5.12(4)		0		0		3.84(3)		1.28(1)	
	Jun 5		0		1.33(1)		4(3)		4(3)		0		0
	Jun 6		0		0		1.23(1)		0		1.23(1)		0
Burbot	Jun 4	0		0		0		0		0		0	
	Jun 5		1.33(1)		0		0		2.67(2)		4(3)		0
	Jun 6		0		1.23(1)		1.23(1)		1.23(1)		4.92(4)		1.23(1)
Cisco	Jun 4	1.28(1)		5.12(4)		2.56(2)		0		0		0	
	Jun 5		4(3)		4(3)		2.67(2)		0		0		0
	Jun 6		8.62(7)		9.85(8)		4.92(4)		0		0		0
Sauger	Jun 4	0		0		0		0		0		0	
	Jun 5		0		0		0		0		0		0
	Jun 6		1.23(1)		1.23(1)		0		0		0		0
Yellow Perch	Jun 4	0		0		0		0		0		0	
	Jun 5		0		0		0		0		0		0
	Jun 6		0		0		0		0		0		0
Goldeye	Jun 4	0		0		0		0		0		0	
	Jun 5		0		0		0		0		0		0
	Jun 6		0		0		0		0		0		0





Table 33. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Area 2, 24 June (deep set only), 4 July (deep set only), 6 July (shallow set only) 1975, Southern Indian Lake.

Mesh Species	Date	1½ in		2 in		2¾ in		3½ in		4¼ in		5¼ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Jun 24		6.27(5)		2.51(2)		6.27(5)		1.25(1)		1.25(1)		1.25(1)
	Jul 4		30.72(24)		12.80(10)		21.76(17)		42.24(33)		10.24(8)		2.56(2)
	Jul 6	8.96(7)		7.68(6)		6.40(5)		1.28(1)		1.28(1)		1.28(1)	
Walleye	Jun 24		0		1.25(1)		1.25(1)		0		0		0
	Jul 4		0		0		0		0		0		0
	Jul 6	1.28(1)		0		0		0		0		0	
Northern Pike	Jun 24		2.51(2)		2.51(2)		2.51(2)		2.51(2)		0		0
	Jul 4		1.28(1)		3.84(3)		2.56(2)		0		0		0
	Jul 6	5.12(4)		10.24(8)		23.04(18)		3.84(3)		1.28(1)		1.28(1)	
White Sucker	Jun 24		0		0		0		6.27(5)		1.25(1)		0
	Jul 4		0		5.12(4)		3.84(3)		1.28(1)		6.40(5)		3.84(3)
	Jul 6	15.36(12)		42.24(33)		15.36(12)		16.64(13)		26.88(21)		5.12(4)	
Longnose Sucker	Jun 24		0		0		0		0		0		0
	Jul 4		0		2.56(2)		1.28(1)		0		5.12(4)		2.56(2)
	Jul 6	0		0		0		0		1.28(1)		0	
Burbot	Jun 24		0		0		0		0		0		0
	Jul 4		0		0		0		0		2.56(2)		2.56(2)
	Jul 6	0		0		0		0		0		0	
Cisco	Jun 24		1.25(1)		1.25(1)		1.25(1)		0		1.25(1)		0
	Jul 4		3.84(3)		0		1.28(1)		3.84(3)		0		0
	Jul 6	5.12(4)		5.12(4)		0		0		0		0	
Sauger	Jun 24		6.27(5)		5.02(4)		1.25(1)		0		0		0
	Jul 4		0		0		0		0		0		0
	Jul 6	0		0		0		0		0		0	
Yellow Perch	Jun 24		0		0		0		0		0		0
	Jul 4		0		0		0		0		0		0
	Jul 6	0		0		7.68(6)		0		0		0	
Goldeye	Jun 24		0		0		0		0		0		0
	Jul 4		0		0		0		0		0		0
	Jul 6	0		0		0		0		0		0	

Table 34. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Area 2, 6 August (deep set only), 19 August (deep set only), 20 August (shallow set only) 1975, Southern Indian Lake.

Mesh Species	Date	1½ in		2 in		2½ in		3½ in		4¼ in		5¼ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Aug 6		5.19(4)		9.08(7)		12.98(10)		3.89(3)		1.30(1)		0
	Aug 19		62.67(47)		86.72(65)		48.00(36)		32.00(24)		0		0
	Aug 20	5.02(4)		8.78(7)		2.51(2)		2.51(2)		1.25(1)		1.25(1)	
Walleye	Aug 6		15.57(12)		22.06(17)		9.08(7)		6.49(5)		0		0
	Aug 19		0		1.33(1)		1.33(1)		1.33(1)		0		1.33(1)
	Aug 20	1.25(1)		5.02(4)		2.51(2)		1.25(1)		0		0	
Northern Pike	Aug 6		0		0		5.19(4)		1.30(1)		0		0
	Aug 19		1.33(1)		0		0		1.33(1)		0		0
	Aug 20	0		1.25(1)		1.25(1)		1.25(1)		0		0	
White Sucker	Aug 6		1.30(1)		3.89(3)		5.19(4)		6.49(5)		10.38(8)		1.30(1)
	Aug 19		0		6.67(5)		6.67(5)		14.67(11)		30.67(23)		2.67(2)
	Aug 20	8.78(7)		12.55(10)		18.82(15)		23.84(19)		18.82(15)		5.02(4)	
Longnose Sucker	Aug 6		0		2.60(2)		1.30(1)		2.60(2)		2.60(2)		1.30(1)
	Aug 19		0		2.67(2)		1.33(1)		4.00(3)		1.33(1)		0
	Aug 20	0		0		0		0		1.25(1)		0	
Burbot	Aug 6		0		0		0		2.60(2)		0		0
	Aug 19		0		0		1.33(1)		8.00(6)		13.33(10)		1.33(1)
	Aug 20	0		0		0		0		0		0	
Cisco	Aug 6		44.16(34)		18.17(14)		2.60(2)		0		0		0
	Aug 19		4.00(3)		0		0		0		0		0
	Aug 20	16.31(13)		20.08(16)		1.25(1)		1.25(1)		0		0	
Sauger	Aug 6		0		1.30(1)		0		0		0		0
	Aug 19		4.00(3)		1.33(1)		0		0		0		0
	Aug 20	2.51(2)		0		1.25(1)		0		0		0	
Yellow Perch	Aug 6		0		0		0		0		0		0
	Aug 19		0		0		0		0		0		0
	Aug 20	1.25(1)		0		0		0		0		0	
Goldeye	Aug 6		0		0		0		0		0		0
	Aug 19		0		0		0		0		0		0
	Aug 20	0		0		0		0		0		0	

Table 35. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Area 2, 20 August, 25 August, 26 August (shallow sets only) 1975, Southern Indian Lake.

Mesh		1½ in	2 in	2¾ in	3½ in	4¼ in	5¼ in
Species	Date	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lake Whitefish	Aug 20	2.29(2)	1.14(1)	1.14(1)	1.14(1)	0	0
	Aug 25	5.27(7)	6.78(9)	6.02(8)	5.27(7)	0.75(1)	1.51(2)
	Aug 26	3.56(3)	3.56(3)	2.37(2)	2.37(2)	0	0
Walleye	Aug 20	0	1.14(1)	1.14(1)	0	0	0
	Aug 25	2.26(3)	1.51(2)	0.75(1)	3.76(5)	1.51(2)	0.75(1)
	Aug 26	0	0	0	1.19(1)	0	0
Northern Pike	Aug 20	3.43(3)	4.57(4)	2.29(2)	1.14(1)	0	0
	Aug 25	3.01(4)	10.54(14)	7.53(10)	6.78(9)	2.26(3)	0
	Aug 26	5.93(5)	4.74(4)	8.30(7)	5.93(5)	0	0
White Sucker	Aug 20	2.29(2)	11.43(10)	33.14(29)	32.00(28)	27.43(24)	1.14(1)
	Aug 25	2.26(3)	3.76(5)	0.75(1)	3.76(5)	4.52(6)	1.51(2)
	Aug 26	1.19(1)	2.37(2)	0	4.74(4)	2.37(2)	2.37(2)
Longnose Sucker	Aug 20	0	0	0	0	0	0
	Aug 25	0	0	0	0	0	0
	Aug 26	0	1.19(1)	0	0	0	0
Burbot	Aug 20	0	0	0	0	0	0
	Aug 25	0	0	0	0	0	0
	Aug 26	0	0	0	1.19(1)	0	0
Cisco	Aug 20	19.43(17)	12.57(11)	4.57(4)	1.14(1)	1.14(1)	0
	Aug 25	3.76(5)	6.78(9)	3.01(4)	1.51(2)	0	0
	Aug 26	9.48(8)	2.37(2)	1.19(1)	0	0	0
Sauger	Aug 20	1.14(1)	0	0	1.14(1)	0	0
	Aug 25	0	0	0	0	0	0
	Aug 26	0	0	0	0	0	0
Yellow Perch	Aug 20	1.14(1)	0	1.14(1)	0	0	0
	Aug 25	1.51(2)	3.76(5)	0	0	0	0
	Aug 26	4.74(4)	1.19(1)	0	0	0	0
Goldeye	Aug 20	0	0	0	0	0	0
	Aug 25	0	0	0	0	0	0
	Aug 26	0	0	0	0	0	0

Table 36. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Area 2, 27 August, 2 September, 5 September (shallow sets only) 1975, Southern Indian Lake.

Mesh		1½ in	2 in	2¾ in	3½ in	4½ in	5½ in
Species	Date	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lake Whitefish	Aug 27	2.78(2)	5.57(4)	0	5.57(4)	0	1.39(1)
	Sept 2	16.59(14)	21.33(18)	24.89(21)	16.59(14)	4.74(4)	0
	Sept 5	14.22(12)	16.59(14)	9.48(8)	10.67(9)	10.67(9)	0
Walleye	Aug 27	1.39(1)	2.78(2)	0	1.39(1)	0	0
	Sept 2	1.19(1)	0	0	0	0	0
	Sept 5	0	0	0	0	0	0
Northern Pike	Aug 27	1.39(1)	4.17(3)	4.17(3)	4.17(3)	0	0
	Sept 2	5.93(5)	8.30(7)	9.48(8)	8.30(7)	0	0
	Sept 5	2.37(2)	7.11(6)	5.93(5)	3.56(3)	0	0
White Sucker	Aug 27	5.57(4)	5.57(4)	8.35(6)	11.13(8)	6.96(5)	0
	Sept 2	1.19(1)	5.93(5)	4.74(4)	5.93(5)	11.85(10)	7.11(6)
	Sept 5	1.19(1)	0	0	1.19(1)	3.56(3)	2.37(2)
Longnose Sucker	Aug 27	0	0	0	0	0	0
	Sept 2	0	0	0	0	0	0
	Sept 5	0	0	0	0	0	0
Burbot	Aug 27	0	1.39(1)	0	0	1.39(1)	0
	Sept 2	0	0	0	0	0	0
	Sept 5	0	0	0	0	0	0
Cisco	Aug 27	9.74(7)	13.91(10)	2.78(2)	1.39(1)	0	0
	Sept 2	18.96(16)	9.48(8)	3.56(3)	0	0	0
	Sept 5	28.44(24)	9.48(8)	4.74(4)	0	0	1.19(1)
Sauger	Aug 27	0	1.39(1)	0	0	0	0
	Sept 2	0	0	0	0	0	0
	Sept 5	0	0	0	0	0	0
Yellow Perch	Aug 27	0	1.39(1)	0	0	0	0
	Sept 2	1.19(1)	2.37(2)	0	0	0	0
	Sept 5	1.19(1)	0	0	0	0	0
Goldeye	Aug 27	0	0	0	0	0	0
	Sept 2	0	0	0	0	0	0
	Sept 5	0	0	0	0	0	0

Table 37. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Area 2, 6 September, 7 September, 8 September (shallow sets only) 1975, Southern Indian Lake.

Mesh		1½ in	2 in	2¾ in	3½ in	4¼ in	5¼ in
Species	Date	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lake Whitefish	Sept 6	12.00(9)	13.33(10)	8.00(6)	2.67(2)	5.33(4)	1.33(1)
	Sept 7	7.11(6)	4.74(4)	2.37(2)	1.19(1)	1.19(1)	1.19(1)
	Sept 8	3.69(3)	3.69(3)	4.92(4)	4.92(4)	1.23(1)	0
Walleye	Sept 6	0	0	0	0	0	0
	Sept 7	8.30(7)	8.30(7)	3.56(3)	5.93(5)	11.85(10)	0
	Sept 8	11.08(9)	8.62(7)	4.92(4)	16.00(13)	6.15(5)	0
Northern Pike	Sept 6	5.33(4)	16.00(12)	16.00(12)	4.00(3)	0	0
	Sept 7	3.56(3)	3.56(3)	2.37(2)	4.74(4)	0	0
	Sept 8	2.46(2)	4.92(4)	2.46(2)	6.15(5)	1.23(1)	0
White Sucker	Sept 6	0	2.67(2)	0	5.33(4)	0	0
	Sept 7	3.56(3)	3.56(3)	1.19(1)	2.37(2)	5.93(5)	2.37(2)
	Sept 8	4.92(4)	7.38(6)	6.15(5)	19.69(16)	11.08(9)	3.69(3)
Longnose Sucker	Sept 6	0	0	0	0	0	0
	Sept 7	1.19(1)	0	0	0	0	0
	Sept 8	0	0	0	0	0	0
Burbot	Sept 6	0	0	0	0	0	0
	Sept 7	0	0	0	0	0	0
	Sept 8	0	0	0	0	1.23(1)	0
Cisco	Sept 6	1.33(1)	9.33(7)	2.67(2)	0	0	0
	Sept 7	8.30(7)	4.74(4)	0	0	0	0
	Sept 8	32.00(26)	13.54(11)	11.08(9)	1.23(1)	0	0
Sauger	Sept 6	0	0	0	0	0	0
	Sept 7	1.19(1)	0	0	0	0	0
	Sept 8	1.23(1)	8.62(7)	1.23(1)	1.23(1)	0	0
Yellow Perch	Sept 6	1.33(1)	1.33(1)	0	0	0	0
	Sept 7	0	0	0	0	0	0
	Sept 8	2.46(2)	1.23(1)	1.23(1)	0	0	0
Goldeye	Sept 6	0	0	0	0	0	0
	Sept 7	0	0	0	0	0	0
	Sept 8	0	0	0	0	0	0

Table 38. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Area 2, 14 September (both shallow and deep set), 17 September (deep set only), 17 September (deep set only) 1975, Southern Indian Lake.

Mesh	Date	1½ in		2 in		2¾ in		3½ in		4¼ in		5¼ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Sept 14	8.78(7)	4.57(4)	5.02(4)	2.29(2)	1.25(1)	6.86(6)	3.76(3)	3.43(3)	0	1.14(1)	1.25(1)	1.14(1)
	Sept 17		10.47(9)		8.15(7)		5.82(5)		6.98(6)		2.33(2)		2.33(2)
	Sept 17		6.10(6)		3.05(3)		1.02(1)		1.02(1)		1.02(1)		0
Walleye	Sept 14	0	1.14(1)	1.25(1)	1.14(1)	0	1.14(1)	1.25(1)	1.14(1)	1.25(1)	1.14(1)	0	0
	Sept 17		0		0		1.16(1)		2.33(2)		1.16(1)		0
	Sept 17		1.02(1)		1.02(1)		2.03(2)		3.05(3)		1.02(1)		0
Northern Pike	Sept 14	1.25(1)	2.29(2)	0	1.14(1)	1.25(1)	4.57(4)	0	8.00(7)	0	0	0	0
	Sept 17		0		0		3.49(3)		1.16(1)		0		0
	Sept 17		0		0		2.03(2)		4.06(4)		0		0
White Sucker	Sept 14	3.76(3)	4.57(4)	6.27(5)	5.71(5)	15.06(12)	2.29(2)	7.53(6)	17.14(15)	13.80(11)	8.00(7)	1.25(1)	4.57(4)
	Sept 17		0		1.16(1)		17.45(15)		15.13(13)		6.98(6)		2.33(2)
	Sept 17		3.05(3)		14.22(14)		4.06(4)		3.05(3)		16.25(16)		2.03(2)
Longnose Sucker	Sept 14	0	0	0	0	0	0	0	0	1.25(1)	0	0	1.14(1)
	Sept 17		0		0		0		0		1.16(1)		1.16(1)
	Sept 17		0		0		0		0		0		0
Burbot	Sept 14	0	0	0	0	0	0	1.25(1)	0	0	1.14(1)	0	0
	Sept 17		0		2.33(2)		3.49(3)		3.49(3)		3.49(3)		1.16(1)
	Sept 17		0		0		0		0		1.02(1)		0
Cisco	Sept 14	6.27(5)	12.57(11)	2.51(2)	1.14(1)	0	0	1.25(1)	0	1.25(1)	0	0	0
	Sept 17		3.49(3)		4.65(4)		6.98(6)		1.16(1)		0		0
	Sept 17		9.14(9)		7.11(7)		14.22(14)		4.06(4)		0		0
Sauger	Sept 14	0	1.14(1)	0	0	0	0	0	0	0	0	0	0
	Sept 17		0		0		1.16(1)		0		0		0
	Sept 17		0		0		0		0		0		0
Yellow Perch	Sept 14	0	0	0	1.14(1)	1.25(1)	1.14(1)	0	0	0	0	0	0
	Sept 17		1.16(1)		1.16(1)		0		0		0		0
	Sept 17		0		0		1.02(1)		0		0		0
Goldeye	Sept 14	0	0	0	1.14(1)	0	0	0	0	0	0	0	0
	Sept 17		0		0		0		0		0		0
	Sept 17		0		0		0		0		0		0

Table 39. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Area 2, 9 October (shallow set only), 1975, Southern Indian Lake.

Mesh		1½ in	2 in	2¾ in	3½ in	4¼ in	5¼ in
Species	Date	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lake Whitefish	Oct 9	2.67(4)	5.33(8)	6.67(10)	6.00(9)	4.00(6)	3.33(5)
Walleye	Oct 9	0	0	0	0	0	0
Northern Pike	Oct 9	8.00(12)	6.00(9)	12.67(19)	11.33(17)	6.00(9)	1.33(2)
White Sucker	Oct 9	2.00(3)	10.67(16)	3.33(5)	8.67(13)	10.00(15)	5.33(8)
Longnose Sucker	Oct 9	0	0	0	0	0	0
Burbot	Oct 9	0	0.67(1)	0	0	5.33(8)	2.00(3)
Cisco	Oct 9	4.67(7)	4.67(7)	3.33(5)	0	2.00(3)	0
Sauger	Oct 9	0	0	0	0	0	0
Yellow Perch	Oct 9	0.67(1)	0	0.67(1)	0	0	0
Goldeye	Oct 9	0	0	0	0	0	0



Table 40. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Area 4, 25 June (deep set only), 26 June (deep set only), 27 June (shallow set only) 1975, Southern Indian Lake.

Species	Date	1½ in		2 in		2¾ in		3½ in		4¼ in		5¼ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Jun 25		2.51(2)		17.57(14)		8.78(7)		13.80(11)		7.53(6)		0
	Jun 26		15.41(13)		23.70(20)		14.22(12)		9.48(8)		8.30(7)		1.19(1)
	Jun 27	12.57(11)		9.14(8)		1.14(1)		2.29(2)		4.57(4)		2.29(2)	
Walleye	Jun 25		1.25(1)		0		0		0		0		0
	Jun 26		0		0		0		0		0		0
	Jun 27	5.71(5)		12.57(11)		14.86(13)		16.00(14)		1.14(1)		0	
Northern Pike	Jun 25		0		1.25(1)		0		0		0		0
	Jun 26		0		14.22(12)		0		7.11(6)		0		0
	Jun 27	6.86(6)		25.14(22)		16.00(14)		9.14(8)		3.43(3)		0	
White Sucker	Jun 25		11.29(9)		0		0		0		0		0
	Jun 26		0		0		3.76(3)		5.02(4)		0		0
	Jun 27	1.14(1)		11.43(10)		4.57(4)		9.14(8)		24.00(21)		5.71(5)	
Longnose Sucker	Jun 25		0		8.78(7)		6.27(5)		6.27(5)		1.25(1)		0
	Jun 26		4.74(4)		4.74(4)		0		1.19(1)		8.30(7)		3.56(3)
	Jun 27	0		1.14(1)		0		0		5.71(5)		0	
Burbot	Jun 25		1.25(1)		1.25(1)		0		2.51(2)		1.25(1)		0
	Jun 26		1.19(1)		0		0		0		0		0
	Jun 27	0		0		0		0		0		0	
Cisco	Jun 25		5.02(4)		1.25(1)		0		0		0		0
	Jun 26		3.56(3)		2.37(2)		1.19(1)		0		1.19(1)		0
	Jun 27	2.29(2)		0		0		0		0		0	
Sauger	Jun 25		0		0		0		0		0		0
	Jun 26		0		0		0		0		0		0
	Jun 27	0		0		0		0		0		0	
Yellow Perch	Jun 25		0		0		0		0		0		0
	Jun 26		0		0		0		0		0		0
	Jun 27	0		2.29(2)		0		0		0		0	
Goldeye	Jun 25		0		0		0		0		0		0
	Jun 26		0		0		0		0		0		0
	Jun 27	0		0		0		0		0		0	

Table 41. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Area 4, 27 June, 18 July, 18 July (shallow sets only) 1975, Southern Indian Lake.

Mesh		1½ in	2 in	2¾ in	3½ in	4½ in	5½ in
Species	Date	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lake Whitefish	Jun 27	4.53(8)	6.23(11)	0	0.57(1)	2.83(5)	0
	Jul 18	29.96(22)	28.60(21)	9.53(7)	6.81(5)	9.53(7)	1.36(1)
	Jul 18	16.00(13)	12.31(10)	2.46(2)	3.69(3)	3.69(3)	0
Walleye	Jun 27	6.80(12)	11.33(20)	13.59(24)	6.23(11)	1.13(2)	0
	Jul 18	0	0	2.72(2)	1.36(1)	0	0
	Jul 18	1.23(1)	0	1.23(1)	1.23(1)	0	0
Northern Pike	Jun 27	2.27(4)	6.23(11)	13.03(23)	5.10(9)	1.13(2)	0
	Jul 18	1.36(1)	0	4.09(3)	0	0	0
	Jul 18	3.69(3)	2.46(2)	8.62(7)	2.46(2)	2.46(2)	0
White Sucker	Jun 27	3.40(6)	3.96(7)	3.96(7)	10.76(19)	7.36(13)	1.13(1)
	Jul 18	0	0	12.26(9)	1.36(1)	1.36(1)	0
	Jul 18	2.46(2)	7.38(6)	4.92(4)	11.08(9)	9.85(8)	3.69(3)
Longnose Sucker	Jun 27	0	0	0	0	1.13(1)	1.13(1)
	Jul 18	0	2.72(2)	0	0	1.36(1)	0
	Jul 18	4.92(4)	4.92(4)	0	0	12.31(10)	3.69(3)
Burbot	Jun 27	0	0	0	0	0	0
	Jul 18	0	0	0	0	0	0
	Jul 18	0	0	0	0	0	0
Cisco	Jun 27	0	0	0	0	0	0
	Jul 18	4.09(3)	2.72(2)	0	0	0	0
	Jul 18	3.69(3)	1.23(1)	0	1.23(1)	0	0
Sauger	Jun 27	0	0	0	0	0	0
	Jul 18	0	0	0	0	0	0
	Jul 18	0	0	0	0	0	0
Yellow Perch	Jun 27	0	1.13(1)	1.13(1)	0	0	0
	Jul 18	0	0	0	0	0	0
	Jul 18	0	0	0	0	0	0
Goldeye	Jun 27	0	0	0	0	0	0
	Jul 18	0	0	0	0	0	0
	Jul 18	0	0	0	0	0	0

Table 42. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Area 4, 19 July (both deep and shallow set), 20 July (deep set only), 20 July (deep set only) 1975, Southern Indian Lake.

Mesh	Date	1½ in		2 in		2¾ in		3½ in		4¼ in		5¼ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Ju1 19	8.51(7)	30.21(28)	19.45(16)	22.66(21)	13.37(11)	9.71(9)	4.86(4)	12.95(12)	0	5.39(5)	0	0
	Ju1 20		23.84(19)		7.53(6)		12.55(10)		13.80(11)		1.25(1)		1.25(1)
	Ju1 20		16.00(14)		22.86(20)		16.00(14)		8.00(7)		9.14(8)		3.43(3)
Walleye	Ju1 19	1.22(1)	0	7.29(6)	1.08(1)	1.22(1)	4.32(4)	8.51(7)	2.16(2)	2.43(2)	1.08(1)	0	0
	Ju1 20		0		1.25(1)		1.25(1)		2.51(2)		0		0
	Ju1 20		0		1.14(1)		1.14(1)		0		0		0
Northern Pike	Ju1 19	0	5.39(5)	4.86(4)	15.10(14)	14.59(12)	12.95(12)	14.59(12)	10.79(10)	0	3.24(3)	0	0
	Ju1 20		1.25(1)		1.25(1)		3.76(3)		6.27(5)		0		0
	Ju1 20		1.14(1)		0		2.29(2)		0		0		0
White Sucker	Ju1 19	0	6.47(6)	1.22(1)	6.47(6)	13.37(11)	4.32(4)	8.51(7)	12.95(12)	12.16(10)	9.71(9)	2.43(2)	2.16(2)
	Ju1 20		0		2.51(2)		0		2.51(2)		0		1.25(1)
	Ju1 20		0		0		0		1.14(1)		0		0
Longnose Sucker	Ju1 19	4.86(4)	0	0	0	0	2.16(2)	1.22(1)	1.08(1)	3.65(3)	1.08(1)	0	0
	Ju1 20		12.55(10)		2.51(2)		1.25(1)		6.27(5)		5.02(4)		3.76(3)
	Ju1 20		5.71(5)		12.57(11)		12.57(11)		22.88(20)		10.29(9)		8.00(7)
Burbot	Ju1 19	0	0	0	0	0	0	0	0	0	0	0	0
	Ju1 20		0		0		0		0		0		0
	Ju1 20		2.29(2)		0		0		2.29(2)		2.29(2)		0
Cisco	Ju1 19	1.22(1)	0	2.43(2)	0	0	0	0	0	0	0	0	0
	Ju1 20		0		0		0		0		0		0
	Ju1 20		10.29(9)		3.43(3)		1.14(1)		0		0		0
Sauger	Ju1 19	0	0	0	0	0	0	0	0	0	0	0	0
	Ju1 20		0		0		0		0		0		0
	Ju1 20		0		0		0		0		0		0
Yellow Perch	Ju1 19	0	0	0	0	0	0	0	0	0	0	0	0
	Ju1 20		0		0		0		0		0		0
	Ju1 20		0		0		0		0		0		0
Goldeye	Ju1 19	0	0	0	0	0	0	0	0	0	0	0	0
	Ju1 20		0		0		0		0		0		0
	Ju1 20		0		0		0		0		0		0

Table 43. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Area 4, 8 August (shallow set only), 8 August (shallow set only), 9 August (deep set only) 1975, Southern Indian Lake.

Mesh Species	Date	1½ in		2 in		2¾ in		3½ in		4¾ in		5¼ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Aug 8	6.81(5)		28.60(21)		20.43(15)		12.26(9)		4.09(3)		0	
	Aug 8	6.27(5)		12.55(10)		15.06(12)		7.53(6)		5.02(4)		2.51(2)	
	Aug 9		18.09(13)		33.39(24)		19.48(14)		4.17(3)		8.35(6)		8.35(6)
Walleye	Aug 8	6.81(5)		5.45(4)		4.09(3)		1.36(1)		4.09(3)		0	
	Aug 8	1.25(1)		0		5.02(4)		2.51(2)		0		0	
	Aug 9		4.17(3)		1.39(1)		4.17(3)		1.39(1)		1.39(1)		0
Northern Pike	Aug 8	6.81(5)		8.17(6)		0		4.09(3)		0		0	
	Aug 8	1.25(1)		8.78(7)		3.76(3)		2.51(2)		1.25(1)		0	
	Aug 9		1.39(1)		5.57(4)		1.39(1)		5.57(4)		1.39(1)		0
White Sucker	Aug 8	5.45(4)		6.81(5)		16.34(12)		20.43(15)		19.06(14)		1.36(1)	
	Aug 8	0		0		7.53(6)		18.82(15)		6.27(5)		0	
	Aug 9		2.78(2)		16.70(12)		15.30(11)		33.39(24)		13.91(10)		2.78(2)
Longnose Sucker	Aug 8	0		0		0		1.36(1)		0		0	
	Aug 8	0		0		0		0		0		1.25(1)	
	Aug 9		2.78(2)		8.35(6)		8.35(6)		2.78(2)		19.48(14)		8.35(6)
Burbot	Aug 8	0		0		0		0		0		0	
	Aug 8	0		0		0		0		0		0	
	Aug 9		0		0		0		0		0		0
Cisco	Aug 8	0		2.72(2)		0		0		0		0	
	Aug 8	1.25(1)		0		0		0		0		0	
	Aug 9		2.78(2)		4.17(3)		2.78(2)		0		0		0
Sauger	Aug 8	0		0		0		0		0		0	
	Aug 8	0		0		0		0		0		0	
	Aug 9		0		0		0		0		0		0
Yellow Perch	Aug 8	0		0		0		0		0		0	
	Aug 8	0		0		0		0		0		0	
	Aug 9		0		0		1.39(1)		0		0		0
Goldeye	Aug 8	0		0		0		0		0		0	
	Aug 8	0		0		0		0		0		0	
	Aug 9		0		0		0		0		0		0

Table 44. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Area 4, 9 August (deep set only), 10 August (shallow set only) 1975, Southern Indian Lake.

Mesh Species	Date	1½ in		2 in		2½ in		3½ in		4½ in		5½ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Aug 9 Aug 10		19.69(16)		11.08(9)		8.62(7)		7.38(6)		1.23(1)		2.46(2)
		15.64(11)		11.38(8)		1.42(1)		1.42(1)		4.27(3)		0	
Walleye	Aug 9 Aug 10		4.92(4)		0		8.62(7)		3.69(3)		0		0
		2.84(2)		4.27(3)		2.84(2)		8.53(6)		2.84(2)		0	
Northern Pike	Aug 9 Aug 10		1.23(1)		2.46(2)		4.92(4)		4.92(4)		0		0
		1.42(1)		2.84(2)		12.80(9)		2.84(2)		0		1.42(1)	
White Sucker	Aug 9 Aug 10		0		6.15(5)		24.62(20)		17.23(14)		1.23(1)		0
		8.53(6)		17.07(12)		7.11(5)		8.53(6)		4.27(3)		0	
Longnose Sucker	Aug 9 Aug 10		17.23(14)		11.08(9)		0		1.23(1)		0		0
		0		0		0		0		0		0	
Burbot	Aug 9 Aug 10		0		0		0		0		0		0
		0		0		0		0		0		0	
Cisco	Aug 9 Aug 10		33.23(27)		2.46(2)		1.23(1)		2.46(2)		0		0
		8.53(6)		1.42(1)		0		0		0		0	
Sauger	Aug 9 Aug 10		0		0		0		0		0		0
		0		0		0		0		0		0	
Yellow Perch	Aug 9 Aug 10		0		0		0		0		0		0
		0		0		0		0		0		0	
Goldeye	Aug 9 Aug 10		0		0		0		0		0		0
		0		0		0		0		0		0	

Table 45. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Area 5, 30 June, 30 June, 1 July (shallow sets only) 1975, Southern Indian Lake.

Mesh		1½ in	2 in	2¾ in	3½ in	4½ in	5½ in
Species	Date	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lake Whitefish	Jun 30	16.00(10)	17.60(11)	4.80(3)	4.80(3)	3.20(2)	6.40(4)
	Jun 30	6.96(5)	8.35(6)	4.17(3)	4.17(3)	2.78(2)	1.39(1)
	Jul 1	14.22(10)	18.49(13)	7.11(5)	1.42(1)	5.69(4)	1.42(1)
Walleye	Jun 30	0	0	14.40(9)	0	0	0
	Jun 30	1.39(1)	0	0	0	0	0
	Jul 1	0	0	0	0	0	0
Northern Pike	Jun 30	4.80(3)	22.40(14)	0	12.80(8)	0	3.20(2)
	Jun 30	15.30(11)	19.48(14)	12.52(9)	4.17(3)	1.39(1)	0
	Jul 1	1.42(1)	2.84(2)	9.96(7)	2.84(2)	1.42(1)	1.42(1)
White Sucker	Jun 30	0	9.60(6)	16.00(10)	24.00(15)	48.00(30)	9.60(6)
	Jun 30	2.78(2)	16.70(12)	32.00(23)	47.30(34)	27.83(20)	5.57(4)
	Jul 1	0	0	0	0	2.84(2)	0
Longnose Sucker	Jun 30	1.60(1)	6.40(4)	3.20(2)	11.20(7)	8.00(5)	8.00(5)
	Jun 30	0	2.78(2)	0	0	0	1.39(1)
	Jul 1	2.84(2)	4.27(3)	4.27(3)	9.96(7)	18.49(13)	7.11(5)
Burbot	Jun 30	0	0	0	0	0	0
	Jun 30	0	0	0	0	0	0
	Jul 1	0	0	0	0	0	0
Cisco	Jun 30	14.40(9)	0	0	0	0	0
	Jun 30	2.78(2)	1.39(1)	0	0	0	0
	Jul 1	12.80(9)	1.42(1)	0	0	0	0
Sauger	Jun 30	0	0	0	0	0	0
	Jun 30	0	0	0	0	0	0
	Jul 1	0	0	0	0	0	0
Yellow Perch	Jun 30	0	0	0	0	0	0
	Jun 30	0	0	0	0	0	0
	Jul 1	0	0	0	0	0	0
Goldeye	Jun 30	0	0	0	0	0	0
	Jun 30	0	0	0	0	0	0
	Jul 1	0	0	0	0	0	0

Table 46. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Area 5, 1 July (shallow set only), 2 July (deep set only), 2 July (deep set only) 1975, Southern Indian Lake.

Mesh Species	Date	1½ in		2 in		2¾ in		3½ in		4¼ in		5¼ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Jul 1	6.40(5)		15.36(12)		8.96(7)		10.24(8)		3.84(3)		2.56(2)	
	Jul 2		9.53(7)		14.98(11)		8.17(6)		4.09(3)		5.45(4)		12.26(9)
	Jul 2		10.67(9)		23.70(20)		14.22(12)		16.59(14)		5.93(5)		1.19(1)
Walleye	Jul 1	0		0		0		0		0		0	
	Jul 2		0		1.36(1)		0		0		0		0
	Jul 2		0		0		0		0		0		0
Northern Pike	Jul 1	0		3.84(3)		16.64(13)		6.40(5)		0		0	
	Jul 2		4.09(3)		6.81(5)		10.89(8)		8.17(6)		5.45(4)		0
	Jul 2		9.48(8)		5.93(5)		5.93(5)		1.19(1)		2.37(2)		1.19(1)
White Sucker	Jul 1	1.28(1)		0		0		3.84(3)		1.28(1)		0	
	Jul 2		8.17(6)		1.36(1)		2.72(2)		1.36(1)		0		0
	Jul 2		10.67(9)		3.56(3)		0		0		0		0
Longnose Sucker	Jul 1	1.28(1)		3.84(3)		2.56(2)		3.84(3)		3.84(3)		6.40(5)	
	Jul 2		2.72(2)		4.09(3)		4.09(3)		2.72(2)		21.79(16)		5.45(4)
	Jul 2		5.93(5)		2.37(2)		7.11(6)		8.30(7)		13.04(11)		3.56(3)
Burbot	Jul 1	1.28(1)		1.28(1)		0		0		2.56(2)		0	
	Jul 2		1.36(1)		0		0		0		1.36(1)		1.36(1)
	Jul 2		0		1.19(1)		0		2.37(2)		7.11(6)		0
Cisco	Jul 1	5.12(4)		3.84(3)		0		0		0		0	
	Jul 2		8.17(6)		0		0		0		0		0
	Jul 2		14.22(12)		3.56(3)		0		0		0		0
Sauger	Jul 1	0		0		0		0		0		0	
	Jul 2		0		0		0		0		0		0
	Jul 2		0		0		0		0		0		0
Yellow Perch	Jul 1	0		0		0		0		0		0	
	Jul 2		0		0		0		0		0		0
	Jul 2		0		0		0		0		0		0
Goldeye	Jul 1	0		0		0		0		0		0	
	Jul 2		0		0		0		0		0		0
	Jul 2		0		0		0		0		0		0

Table 47. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Area 5, 23 July, 23 July (deep set only), 24 July (shallow set only) 1975, Southern Indian Lake.

Mesh	Date	1½ in		2 in		2¾ in		3½ in		4½ in		5¼ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Jul 23		12.26(9)		21.79(16)		5.45(4)		13.62(10)		17.70(13)		2.72(2)
	Jul 23		4.92(4)		6.15(5)		6.15(5)		3.69(3)		11.08(9)		2.46(2)
	Jul 24	5.45(4)		6.81(5)		6.81(5)		9.53(7)		4.09(3)		0	
Walleye	Jul 23		2.72(2)		14.98(11)		14.98(11)		21.79(16)		1.36(1)		0
	Jul 23		6.15(5)		28.31(23)		13.54(11)		13.54(11)		8.62(7)		0
	Jul 24	2.72(2)		10.89(8)		1.36(1)		5.45(4)		0		0	
Northern Pike	Jul 23		0		5.45(4)		6.81(5)		1.36(1)		0		0
	Jul 23		1.23(1)		2.46(2)		3.69(3)		1.23(1)		1.23(1)		0
	Jul 24	0		4.09(3)		2.72(2)		2.72(2)		0		0	
White Sucker	Jul 23		0		1.36(1)		0		0		0		0
	Jul 23		0		1.23(1)		1.23(1)		1.23(1)		2.46(2)		0
	Jul 24	0		6.81(5)		1.36(1)		6.81(5)		9.53(7)		0	
Longnose Sucker	Jul 23		5.45(4)		4.09(3)		6.81(5)		14.98(11)		6.81(5)		6.81(5)
	Jul 23		4.92(4)		3.69(3)		6.15(5)		18.46(15)		12.31(10)		1.23(1)
	Jul 24	2.72(2)		9.53(7)		6.81(5)		9.53(7)		6.81(5)		0	
Burbot	Jul 23		0		0		0		0		5.45(4)		0
	Jul 23		0		0		0		0		0		0
	Jul 24	0		0		0		0		0		0	
Cisco	Jul 23		12.69(9)		1.36(1)		0		0		0		0
	Jul 23		7.38(6)		0		0		0		0		0
	Jul 24	0		0		0		0		0		0	
Sauger	Jul 23		0		0		0		0		0		0
	Jul 23		0		0		0		0		0		0
	Jul 24	0		0		0		0		0		0	
Yellow Perch	Jul 23		0		0		0		0		0		0
	Jul 23		0		0		0		0		0		0
	Jul 24	0		0		0		0		0		0	
Goldeye	Jul 23		0		0		0		0		0		0
	Jul 23		0		0		0		0		0		0
	Jul 24	0		0		0		0		0		0	



Table 48. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Area 5, 24 July (shallow set only), 11 August (both deep and shallow set), 12 August (both shallow and deep set) 1975, Southern Indian Lake.

Mesh	Date	1½ in		2 in		2¾ in		3½ in		4¼ in		5¼ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Jul 24	2.46(2)		25.85(21)		4.92(4)		20.92(17)		6.15(5)		2.46(2)	
	Aug 11	3.76(3)	14.98(11)	10.04(8)	10.89(8)	2.51(2)	8.17(6)	3.76(3)	4.09(3)	0	2.72(2)	0	4.09(3)
	Aug 12	5.82(5)	6.67(5)	15.13(13)	13.33(10)	3.49(3)	13.33(10)	9.31(8)	16.00(12)	5.82(5)	17.33(13)	2.33(2)	12.00(9)
Walleye	Jul 24	7.38(6)		13.54(11)		20.92(17)		6.15(5)		1.23(1)		1.23(1)	
	Aug 11	0	20.43(15)	0	8.17(6)	2.51(2)	8.17(6)	3.76(3)	13.62(10)	1.25(1)	1.36(1)	0	0
	Aug 12	11.64(10)	9.33(7)	26.76(23)	16.00(12)	9.31(8)	5.33(4)	25.60(22)	10.67(8)	5.82(5)	8.00(6)	1.16(1)	2.67(2)
Northern Pike	Jul 24	1.23(1)		9.85(8)		14.77(12)		6.15(5)		2.46(2)		0	
	Aug 11	6.27(5)	4.09(3)	6.27(5)	5.45(4)	3.76(3)	4.09(3)	0	4.09(3)	0	2.72(2)	0	0
	Aug 12	3.49(3)	4.00(3)	1.16(1)	0	4.65(4)	0	1.16(1)	0	0	1.33(1)	0	0
White Sucker	Jul 24	1.23(1)		1.23(1)		0		2.46(2)		14.77(12)		0	
	Aug 11	1.25(1)	4.09(3)	5.02(4)	5.45(4)	5.02(4)	10.89(8)	18.82(15)	13.62(10)	7.53(6)	13.62(10)	2.51(2)	1.36(1)
	Aug 12	2.33(2)	6.67(5)	6.98(6)	4.00(3)	25.60(22)	10.67(8)	19.78(17)	4.00(3)	10.47(9)	4.00(3)	3.49(3)	0
Longnose Sucker	Jul 24	4.92(4)		0		0		0		11.08(9)		3.69(3)	
	Aug 11	0	0	0	1.36(1)	0	1.36(1)	0	0	0	0	0	0
	Aug 12	0	4.00(3)	1.16(1)	2.67(2)	2.33(2)	4.00(3)	2.33(2)	1.33(1)	3.49(3)	4.00(3)	1.16(1)	1.33(1)
Burbot	Jul 24	0		0		0		0		0		0	
	Aug 11	0	0	0	0	0	0	0	0	0	1.36(1)	0	0
	Aug 12	0	0	0	1.33(1)	0	0	0	0	1.16(1)	8.00(6)	0	0
Cisco	Jul 24	3.69(3)		0		0		0		0		0	
	Aug 11	1.25(1)	20.43(15)	0	4.09(3)	0	0	0	2.72(2)	0	0	0	0
	Aug 12	9.31(8)	4.00(3)	1.16(1)	6.67(5)	0	5.33(4)	0	1.33(1)	0	0	0	0
Sauger	Jul 24	0		0		0		0		0		0	
	Aug 11	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 12	0	0	0	0	0	0	0	0	0	0	0	0
Yellow Perch	Jul 24	0		0		0		0		0		0	
	Aug 11	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 12	0	0	0	0	0	0	0	0	0	0	0	0
Goldeye	Jul 24	0		0		0		0		0		0	
	Aug 11	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 12	0	0	0	0	0	0	0	0	0	0	0	0

Table 49. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Area 5, 13 August (shallow set only) 1975, Southern Indian Lake.

Mesh		1½ in	2 in	2¾ in	3½ in	4¼ in	5¼ in
Species	Date	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lake Whitefish	Aug 13	32.00(23)	6.96(5)	11.13(8)	12.52(9)	6.96(5)	1.39(1)
Walleye	Aug 13	8.35(6)	9.74(7)	8.35(6)	20.87(15)	2.78(2)	0
Northern Pike	Aug 13	4.17(3)	6.96(5)	5.57(4)	0	2.78(2)	0
White Sucker	Aug 13	1.39(1)	1.39(1)	6.96(5)	20.87(15)	11.13(8)	0
Longnose Sucker	Aug 13	0	0	0	0	0	0
Burbot	Aug 13	0	0	0	0	0	0
Cisco	Aug 13	5.57(4)	0	0	0	0	0
Sauger	Aug 13	0	0	0	0	0	0
Yellow Perch	Aug 13	0	0	0	0	0	0
Goldeye	Aug 13	0	0	0	0	0	0

Table 50. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Area 6, 7 June (deep set only), 8 June (shallow set only), and 9 June (shallow set only) 1975, Southern Indian Lake.

Mesh		1½ in		2 in		2¾ in		3½ in		4¼ in		5¼ in	
Species	Date	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Jun 7		1.25(1)		2.51(2)		1.25(1)		1.25(1)		0		1.25(1)
	Jun 8	3.84(3)		1.28(1)		3.84(3)		1.28(1)		1.28(1)		0	
	Jun 9	0		2.51(2)		1.25(1)		2.51(2)		0		0	
Walleye	Jun 7		0		2.51(2)		1.25(1)		0		0		0
	Jun 8	0		1.28(1)		0		10.24(8)		0		0	
	Jun 9	0		0		0		0		0		0	
Northern Pike	Jun 7		1.25(1)		1.25(1)		6.27(5)		3.76(3)		0		0
	Jun 8	5.12(4)		12.80(10)		8.96(7)		10.24(8)		1.28(1)		0	
	Jun 9	7.53(6)		5.02(4)		12.55(10)		11.29(9)		1.25(1)		0	
White Sucker	Jun 7		0		1.25(1)		0		0		0		0
	Jun 8	0		0		0		0		1.28(1)		0	
	Jun 9	2.51(2)		2.51(2)		5.02(4)		6.27(5)		5.02(4)		0	
Longnose Sucker	Jun 7		0		1.25(1)		0		0		1.25(1)		0
	Jun 8	1.28(1)		0		0		0		0		0	
	Jun 9	0		0		0		0		0		0	
Burbot	Jun 7		0		0		0		0		1.25(1)		0
	Jun 8	0		0		0		0		0		0	
	Jun 9	0		0		0		0		0		0	
Cisco	Jun 7		2.51(2)		7.53(6)		7.53(6)		0		0		0
	Jun 8	2.56(2)		3.84(3)		2.56(2)		1.28(1)		0		0	
	Jun 9	1.25(1)		5.02(4)		1.25(1)		0		0		0	
Sauger	Jun 7		6.27(5)		8.78(7)		2.51(2)		0		0		0
	Jun 8	6.40(5)		8.96(7)		2.56(2)		0		0		0	
	Jun 9	3.76(3)		5.02(4)		3.76(3)		0		0		0	
Yellow Perch	Jun 7		0		2.51(2)		0		0		0		0
	Jun 8	0		0		0		0		0		0	
	Jun 9	1.25(1)		2.51(2)		0		0		0		0	
Goldeye	Jun 7		0		0		0		0		0		0
	Jun 8	0		0		0		0		0		0	
	Jun 9	0		0		0		0		0		0	

Table 51. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Area 6, 11 June, 19 June, 21 June (deep sets only) 1975, Southern Indian Lake.

Mesh		1½ in	2 in	2¾ in	3½ in	4¼ in	5¼ in
Species	Date	Deep	Deep	Deep	Deep	Deep	Deep
Lake Whitefish	Jun 11	0	1.23(1)	1.23(1)	2.46(2)	1.23(1)	0
	Jun 19	1.24(1)	1.24(1)	0	1.24(1)	2.48(2)	1.24(1)
	Jun 21	1.14(1)	2.29(2)	0	0	5.71(5)	1.14(1)
Walleye	Jun 11	3.69(3)	0	0	0	0	0
	Jun 19	1.24(1)	0	0	2.48(2)	1.24(1)	0
	Jun 21	2.29(2)	3.43(3)	0	1.14(1)	1.14(1)	0
Northern Pike	Jun 11	3.69(3)	8.62(7)	6.15(5)	7.38(6)	0	0
	Jun 19	2.48(2)	13.63(11)	11.15(9)	4.96(4)	1.24(1)	0
	Jun 21	6.86(6)	11.43(10)	4.57(4)	6.86(6)	3.43(3)	0
White Sucker	Jun 11	0	0	0	0	1.23(1)	0
	Jun 19	0	2.48(2)	1.24(1)	4.96(4)	1.24(1)	3.72(3)
	Jun 21	6.86(6)	8.00(7)	13.71(12)	13.71(12)	2.29(2)	2.29(2)
Longnose Sucker	Jun 11	1.23(1)	0	0	0	1.23(1)	0
	Jun 19	0	0	0	0	1.24(1)	0
	Jun 21	0	0	0	0	0	0
Burbot	Jun 11	0	0	0	0	0	0
	Jun 19	0	0	0	0	0	0
	Jun 21	0	0	0	0	0	0
Cisco	Jun 11	4.92(4)	11.08(9)	7.38(6)	2.46(2)	0	0
	Jun 19	3.72(3)	3.72(3)	0	0	0	0
	Jun 21	0	0	0	0	0	0
Sauger	Jun 11	2.46(2)	2.46(2)	0	0	0	0
	Jun 19	2.48(2)	6.20(5)	3.72(3)	0	0	0
	Jun 21	12.57(11)	8.00(7)	0	0	0	0
Yellow Perch	Jun 11	0	0	0	0	0	0
	Jun 19	0	0	0	0	0	0
	Jun 21	3.43(3)	0	0	0	0	0
Goldeye	Jun 11	0	0	0	0	0	0
	Jun 19	0	0	0	0	0	0
	Jun 21	0	0	0	0	0	0

Table 52. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Area 6, 1 August (shallow set only), 2 August, 2 August (deep sets only) 1975, Southern Indian Lake.

Mesh	Date	1½ in		2 in		2¾ in		3½ in		4¼ in		5¼ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Aug 1	10.67(8)		2.67(2)		4.00(3)		4.00(3)		4.00(3)		1.33(1)	
	Aug 2		7.84(6)		2.61(2)		2.61(2)		3.92(3)		2.61(2)		2.61(2)
	Aug 2		11.64(10)		3.49(3)		3.49(3)		8.15(7)		3.49(3)		1.16(1)
Walleye	Aug 1	8.00(6)		4.00(3)		2.67(2)		1.33(1)		2.67(2)		0	
	Aug 2		1.31(1)		2.61(2)		2.61(2)		2.61(2)		0		0
	Aug 2		1.16(1)		3.49(3)		3.49(3)		0		0		0
Northern Pike	Aug 1	2.67(2)		5.33(4)		4.00(3)		8.00(6)		0		0	
	Aug 2		0		2.61(2)		1.31(1)		1.31(1)		0		0
	Aug 2		2.33(2)		0		2.33(2)		2.33(2)		0		0
White Sucker	Aug 1	2.67(2)		9.33(7)		5.33(4)		6.67(5)		4.00(3)		0	
	Aug 2		0		3.92(3)		2.61(2)		2.61(2)		2.61(2)		0
	Aug 2		0		2.33(2)		1.16(1)		0		0		0
Longnose Sucker	Aug 1	0		0		0		0		0		0	
	Aug 2		0		0		0		0		0		0
	Aug 2		0		0		0		0		0		0
Burbot	Aug 1	0		0		0		0		0		0	
	Aug 2		0		0		0		0		0		0
	Aug 2		0		0		0		0		0		0
Cisco	Aug 1	5.33(4)		5.33(4)		1.33(1)		0		0		0	
	Aug 2		6.53(5)		2.61(2)		0		0		0		0
	Aug 2		5.82(5)		5.82(5)		3.49(3)		0		0		0
Sauger	Aug 1	28.00(21)		13.33(10)		0		0		0		0	
	Aug 2		9.14(7)		15.67(12)		0		0		0		0
	Aug 2		8.15(7)		11.64(10)		5.82(5)		1.16(1)		1.16(1)		0
Yellow Perch	Aug 1	0		0		0		0		0		0	
	Aug 2		0		0		0		0		0		0
	Aug 2		0		0		0		0		0		0
Goldeye	Aug 1	0		0		0		0		0		0	
	Aug 2		0		0		0		0		0		0
	Aug 2		0		0		0		0		0		0

Table 53. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Area 6, 3 August (deep set only), 3 August (deep set only), 4 August (shallow set only) 1975, Southern Indian Lake.

Mesh Species	Date	1½ in		2 in		2¾ in		3½ in		4¼ in		5¼ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Aug 3		1.36(1)		1.36(1)		0		0		1.36(1)		0
	Aug 3		2.56(2)		0		0		0		1.28(1)		1.28(1)
	Aug 4	0		5.22(4)		1.31(1)		5.22(4)		2.61(2)		0	
Walleye	Aug 3		4.09(3)		1.36(1)		6.81(5)		4.09(3)		0		0
	Aug 3		6.40(5)		6.40(5)		7.68(6)		12.80(10)		2.56(2)		1.28(1)
	Aug 4	3.92(3)		5.22(4)		5.22(4)		9.14(7)		5.22(4)		1.31(1)	
Northern Pike	Aug 3		1.36(1)		2.72(2)		4.09(3)		4.09(3)		0		0
	Aug 3		6.40(5)		5.12(4)		7.68(6)		3.84(3)		0		0
	Aug 4	3.92(3)		9.14(7)		7.84(6)		3.92(3)		1.31(1)		0	
White Sucker	Aug 3		5.45(4)		14.98(11)		17.70(13)		17.70(13)		1.36(1)		1.36(1)
	Aug 3		0		1.28(1)		3.84(3)		5.12(4)		5.12(4)		2.56(2)
	Aug 4	3.92(3)		5.22(4)		10.45(8)		10.45(8)		6.53(5)		0	
Longnose Sucker	Aug 3		0		0		0		0		0		0
	Aug 3		0		0		0		0		0		0
	Aug 4	0		0		0		0		0		0	0
Burbot	Aug 3		0		0		0		0		0		0
	Aug 3		0		0		0		0		0		0
	Aug 4	0		0		0		0		0		0	0
Cisco	Aug 3		6.81(5)		4.09(3)		1.36(1)		1.36(1)		0		0
	Aug 3		7.68(6)		2.56(2)		1.28(1)		2.56(2)		0		0
	Aug 4	10.45(8)		3.92(3)		0		0		0		0	0
Sauger	Aug 3		9.53(7)		9.53(7)		0		0		0		0
	Aug 3		7.68(6)		6.40(5)		3.84(3)		0		0		0
	Aug 4	0		1.31(1)		0		0		0		0	0
Yellow Perch	Aug 3		0		0		0		0		0		0
	Aug 3		1.28(1)		2.56(2)		0		0		0		0
	Aug 4	3.92(3)		2.61(2)		0		0		0		0	0
Goldeye	Aug 3		0		0		0		0		0		0
	Aug 3		0		0		0		0		0		0
	Aug 4	0		0		0		0		0		0	0

Table 54. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Area 6, 4 August (shallow set only), 21 August (deep set only), 21 August (deep set only) 1975, Southern Indian Lake.

Mesh	Date	1½ in		2 in		2¾ in		3½ in		4¼ in		5¼ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Aug 4	8.30(7)		5.93(5)		9.48(8)		3.56(3)		1.19(1)		0	
	Aug 21		1.28(1)		2.56(2)		0		0		0		0
	Aug 21		1.23(1)		3.69(3)		0		0		1.23(1)		0
Walleye	Aug 4	4.74(4)		1.19(1)		0		2.37(2)		0		1.19(1)	
	Aug 21		2.56(2)		3.84(3)		3.84(3)		3.84(3)		0		0
	Aug 21		1.23(1)		3.69(3)		2.46(2)		0		0		0
Northern Pike	Aug 4	2.37(2)		4.74(4)		11.85(10)		2.37(2)		1.19(1)		0	
	Aug 21		3.84(3)		3.84(3)		2.56(2)		2.56(2)		0		0
	Aug 21		4.92(4)		1.23(1)		3.69(3)		1.23(1)		0		0
White Sucker	Aug 4	0		2.37(2)		1.19(1)		9.48(8)		4.74(4)		0	
	Aug 21		0		1.28(1)		1.28(1)		0		2.56(2)		0
	Aug 21		0		1.23(1)		2.46(2)		0		1.23(1)		0
Longnose Sucker	Aug 4	0		0		0		0		0		0	
	Aug 21		0		0		0		0		0		0
	Aug 21		0		0		0		1.23(1)		0		0
Burbot	Aug 4	0		0		0		0		0		0	
	Aug 21		0		0		0		0		0		0
	Aug 21		0		0		0		0		0		0
Cisco	Aug 4	5.93(5)		0		0		0		0		0	
	Aug 21		21.76(17)		11.52(9)		5.12(4)		1.28(1)		2.56(2)		0
	Aug 21		23.38(19)		19.69(16)		3.69(3)		1.23(1)		0		0
Sauger	Aug 4	4.74(4)		4.74(4)		2.37(2)		0		0		0	
	Aug 21		5.12(4)		8.96(7)		6.40(5)		0		0		0
	Aug 21		6.15(5)		6.15(5)		1.23(1)		0		0		0
Yellow Perch	Aug 4	1.19(1)		0		0		0		0		0	
	Aug 21		1.28(1)		1.28(1)		0		0		0		0
	Aug 21		0		0		0		0		0		0
Goldeye	Aug 4	0		0		0		0		0		0	
	Aug 21		0		0		0		0		0		0
	Aug 21		0		0		0		0		0		0

Table 55. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Area 6, 22 August, 29 August (shallow sets only) 1975, Southern Indian Lake.

Mesh		1½ in	2 in	2¾ in	3½ in	4½ in	5½ in
Species	Date	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lake Whitefish	Aug 22	4.92(4)	1.23(1)	1.23(1)	0	0	0
	Aug 22	1.08(1)	1.08(1)	0	0	0	0
	Aug 29	1.23(1)	7.38(6)	3.69(3)	3.69(3)	1.23(1)	4.92(4)
Walleye	Aug 22	4.92(4)	13.54(11)	6.15(5)	2.46(2)	4.92(4)	0
	Aug 22	5.42(5)	6.51(6)	3.25(3)	5.42(5)	1.08(1)	0
	Aug 29	0	1.23(1)	0	0	0	0
Northern Pike	Aug 22	1.23(1)	4.92(4)	1.23(1)	2.46(2)	0	0
	Aug 22	3.25(3)	2.17(2)	8.68(8)	3.25(3)	1.08(1)	0
	Aug 29	3.69(3)	8.62(7)	1.23(1)	4.92(4)	0	0
White Sucker	Aug 22	2.46(2)	2.46(2)	4.92(4)	6.15(5)	9.85(8)	0
	Aug 22	1.08(1)	5.42(5)	9.76(9)	13.02(12)	1.08(1)	0
	Aug 29	1.23(1)	1.23(1)	1.23(1)	3.69(3)	4.92(4)	2.46(2)
Longnose Sucker	Aug 22	1.23(1)	0	0	0	0	0
	Aug 22	0	0	0	0	0	0
	Aug 29	0	0	0	0	0	0
Burbot	Aug 22	0	0	0	0	0	0
	Aug 22	0	0	0	0	0	0
	Aug 29	0	0	0	0	0	0
Cisco	Aug 22	11.08(9)	19.69(16)	4.92(4)	0	0	0
	Aug 22	16.27(15)	32.54(30)	5.42(5)	0	0	0
	Aug 29	8.62(7)	20.92(17)	3.69(3)	0	1.23(1)	0
Sauger	Aug 22	6.15(5)	6.15(5)	0	0	0	0
	Aug 22	4.34(4)	7.59(7)	3.25(3)	0	0	0
	Aug 29	0	0	0	0	0	0
Yellow Perch	Aug 22	3.69(3)	2.46(2)	0	0	0	0
	Aug 22	3.25(3)	0	0	0	0	0
	Aug 29	0	1.23(1)	0	0	0	0
Goldeye	Aug 22	0	0	0	0	0	0
	Aug 22	0	0	0	0	0	0
	Aug 29	0	0	0	0	0	0



Table 56. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Area 6, 30 August (deep set only), 9 September (shallow set only), 13 September (deep set only) 1975, Southern Indian Lake.

Mesh Species	Date	1½ in		2 in		2¾ in		3½ in		4½ in		5¼ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Aug 30		1.37(1)		0		0		0		0		0
	Sept 9	8.30(7)		16.59(14)		4.74(4)		20.15(17)		10.67(9)		2.37(2)	
	Sept 13		2.46(2)		1.23(1)		0		0		0		3.69(3)
Walleye	Aug 30		5.49(4)		2.74(2)		5.49(4)		8.23(6)		0		0
	Sept 9	0		0		0		0		0		0	0
	Sept 13		9.85(8)		3.69(3)		0		1.23(1)		7.38(6)		0
Northern Pike	Aug 30		5.49(4)		1.37(1)		9.61(7)		2.74(2)		2.74(2)		0
	Sept 9	1.19(1)		1.19(1)		7.11(6)		2.37(2)		0		0	0
	Sept 13		0		0		2.46(2)		0		0		0
White Sucker	Aug 30		1.37(1)		2.74(2)		1.37(1)		1.37(1)		4.12(3)		1.37(1)
	Sept 9	0		0		2.37(2)		5.93(5)		2.37(2)		0	0
	Sept 13		1.23(1)		1.23(1)		1.23(1)		0		2.46(2)		0
Longnose Sucker	Aug 30		0		0		0		0		0		0
	Sept 9	0		0		0		0		0		0	0
	Sept 13		0		0		0		0		0		0
Burbot	Aug 30		0		0		0		0		0		0
	Sept 9	0		0		0		0		0		0	0
	Sept 13		0		0		0		1.23(1)		1.23(1)		0
Cisco	Aug 30		23.33(17)		10.98(8)		4.12(3)		0		0		0
	Sept 9	2.37(2)		9.48(8)		1.19(1)		0		0		0	0
	Sept 13		8.62(7)		2.46(2)		0		0		0		0
Sauger	Aug 30		12.35(9)		1.37(1)		0		0		0		0
	Sept 9	0		0		0		0		0		0	0
	Sept 13		0		4.92(4)		0		0		0		0
Yellow Perch	Aug 30		0		0		0		0		0		0
	Sept 9	2.37(2)		0		1.19(1)		0		0		0	0
	Sept 13		1.23(1)		1.23(1)		0		0		0		0
Goldeye	Aug 30		0		0		0		0		0		0
	Sept 9	0		0		0		0		0		0	0
	Sept 13		0		0		0		1.23(1)		0		0

Table 57. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Area 6, 15 September (both shallow and deep set), 16 September (shallow set only) 1975, Southern Indian Lake.

Mesh Species	Date	1½ in		2 in		2¾ in		3½ in		4¼ in		5¼ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Sept 15	3.20(3)	2.11(2)	3.20(3)	0	9.60(9)	0	6.40(6)	0	5.33(5)	0	5.33(5)	1.06(1)
	Sept 16	0		4.57(4)		0		0		0		1.14(1)	
Walleye	Sept 15	0	1.06(1)	0	6.33(6)	0	1.06(1)	0	6.33(6)	0	1.06(1)	0	0
	Sept 16	3.43(3)		1.14(1)		2.29(2)		3.43(3)		3.43(3)		0	
Northern Pike	Sept 15	2.13(2)	4.22(4)	3.20(3)	4.22(4)	12.80(12)	3.17(3)	7.47(7)	1.06(1)	2.13(2)	1.06(1)	1.07(1)	0
	Sept 16	1.14(1)		3.43(3)		2.29(2)		5.71(5)		0		0	
White Sucker	Sept 15	0	0	0	1.06(1)	7.47(7)	3.17(3)	9.60(9)	3.17(3)	1.07(1)	5.28(5)	0	0
	Sept 16	1.14(1)		2.29(2)		1.14(1)		0		4.57(4)		0	
Longnose Sucker	Sept 15	0	0	0	0	0	1.06(1)	0	0	0	0	0	0
	Sept 16	0		0		0		0		0		0	
Burbot	Sept 15	0	1.06(1)	0	0	0	0	0	0	0	0	0	0
	Sept 16	0		0		0		0		0		0	
Cisco	Sept 15	3.20(3)	24.27(23)	1.07(1)	15.83(15)	4.27(4)	4.22(4)	2.13(2)	2.11(2)	0	0	0	0
	Sept 16	38.86(34)		14.86(13)		3.43(3)		1.14(1)		0		0	
Sauger	Sept 15	0	5.28(5)	0	3.17(3)	0	1.06(1)	0	0	0	0	0	0
	Sept 16	1.14(1)		10.29(9)		1.14(1)		0		0		0	
Yellow Perch	Sept 15	0	2.11(2)	0	0	0	0	0	0	0	0	0	0
	Sept 16	0		0		0		0		0		0	
Goldeye	Sept 15	0	0	0	0	0	0	0	0	0	0	0	0
	Sept 16	0		0		0		0		0		0	

Table 58. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Area 4, 24 August (deep and shallow sets) and 25 August (shallow set only) 1976, Southern Indian Lake.

Mesh Species	Date	1½ in		2 in		2¾ in		3½ in		4¾ in		5¼ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Aug 24	24.00(18)	7.25(6)	12.00(9)	12.08(10)	5.33(4)	7.25(6)	5.33(4)	2.42(2)	8.00(6)	1.21(1)	0	0
	Aug 25	21.33(16)		22.67(17)		2.67(2)				6.67(5)		1.33(1)	
Walleye	Aug 24	4.00(3)	6.04(5)	1.33(1)	3.62(3)	1.33(1)	6.04(5)	0	6.04(5)	1.33(1)	3.62(3)	0	0
	Aug 25	2.67(2)		4.00(3)		8.00(6)		2.67(2)		4.00(3)		2.67(2)	
Northern Pike	Aug 24	8.00(6)	3.62(3)	0	2.42(2)	6.67(5)	0	1.33(1)	0	0	0	0	0
	Aug 25	4.00(3)		2.67(2)				2.67(2)		1.33(1)			
White Sucker	Aug 24	2.67(2)	1.21(1)	1.33(1)	1.21(1)	5.33(4)	2.42(2)	2.67(2)	2.42(2)	5.33(4)	3.62(3)	1.33(1)	0
	Aug 25	17.33(13)		5.33(4)		4.00(3)		6.67(5)		2.67(2)		1.33(1)	
Longnose Sucker	Aug 24	1.33(1)	1.21(1)	8.00(6)	0	10.67(8)	3.62(3)	28.00(21)	4.83(4)	24.00(18)	6.04(5)	30.67(23)	3.62(3)
	Aug 25	0		0		0		0		0		0	
Burbot	Aug 24	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 25	0		0		0		0		0		0	
Cisco	Aug 24	1.33(1)	0	0	0	1.33(1)	0	0	0	0	0	0	0
	Aug 25	12.08(10)		0		0		0		0		0	
Sauger	Aug 24	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 25	0		0		0		0		0		0	
Yellow Perch	Aug 24	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 25	0		0		0		0		0		0	
Goldeye	Aug 24	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 25	0		0		0		0		0		0	

Table 59. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Area 5, 26 August (shallow and deep sets) and 28 August (shallow set only) 1976, Southern Indian Lake.

Mesh Species	Date	1½ in		2 in		2¾ in		3½ in		4½ in		5½ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Aug 26	3.92(4)	3.10(3)	5.88(6)	9.29(9)	6.86(7)	18.58(18)	4.90(5)	18.58(18)	1.96(2)	7.23(7)	0	0
	Aug 28	9.41(5)		5.65(3)		1.88(1)		3.76(2)		0		0	
Walleye	Aug 26	0.98(1)	5.16(5)	2.94(3)	9.29(9)	5.88(6)	2.06(2)	3.92(4)	11.35(11)	0	3.10(3)	0	0
	Aug 28	0		0		0		0		0		0	
Northern Pike	Aug 26	0.98(1)	0	4.90(5)	2.06(2)	8.82(9)	1.03(1)	3.92(4)	1.03(1)	0	0	0	0
	Aug 28	0		9.41(5)		9.41(5)		11.29(6)		1.88(1)		0	
White Sucker	Aug 26	0	1.03(1)	0	6.19(6)	0.98(1)	2.06(2)	1.96(2)	0	0.98(1)	11.35(11)	0.98(1)	1.03(1)
	Aug 28	0		0		0		3.76(2)		7.53(4)		1.88(1)	
Longnose Sucker	Aug 26	0	1.03(1)	0	4.13(4)	0	1.03(1)	0	0	0	11.35(11)	0	2.06(2)
	Aug 28	0		0		0		0		0		0	
Burbot	Aug 26	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 28	0		0		0		0		0		0	
Cisco	Aug 26	7.84(8)	15.48(15)	0	6.19(6)	0	3.10(3)	0	2.06(2)	0	1.03(1)	0	0
	Aug 28	0		0		0		0		0		0	
Sauger	Aug 26	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 28	0		0		0		0		0		0	
Yellow Perch	Aug 26	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 28	0		0		0		0		0		0	
Goldeye	Aug 26	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 28	0		0		0		0		0		0	

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Table 60. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh panels of experimental gill nets, Area 40, 26 July 1978, Southern Indian Lake.

Mesh	Date	1½ in		2 in		2¾ in		3½ in		4¼ in		5¼ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Jul 26	1.45(2)	4.80(5)	3.64(5)	12.48(13)	4.36(6)	18.25(19)	2.18(3)	57.62(60)	5.82(8)	44.18(46)	1.45(2)	3.84(4)
Walleye	Jul 26	0	0	0	0	0	0	0	0	0	0	0	0
Northern Pike	Jul 26	0.73(1)	0	0.73(1)	0	0.73(1)	0	0.73(1)	0	0	0	0.73(1)	0
White Sucker	Jul 26	0	0	13.82(19)	0	4.36(6)	0	0.73(1)	0	0.73(1)	0	0	0
Longnose Sucker	Jul 26	4.36(6)	5.76(6)	2.91(4)	21.33(22)	5.09(7)	16.33(17)	3.64(5)	1.92(2)	13.82(19)	0.96(1)	1.45(2)	0.96(1)
Burbot	Jul 26	0	0	0.73(1)	2.88(3)	0	1.92(2)		4.80(5)	1.45(2)	6.72(7)	0	0.96(1)
Cisco	Jul 26	1.45(2)	32.65(34)	2.91(4)	26.89(28)	0	17.29(18)	0.73(1)	2.88(3)	0	0	0	0
Sauger	Jul 26	0	0	0	0	0	0	0	0	0	0	0	0
Yellow Perch	Jul 26	0	0	0	0	0	0	0	0	0	0	0	0
Goldeye	Jul 26	0	0	0	0	0	0	0	0	0	0	0	0

Table 61. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Area 43, 27 July 1978, Southern Indian Lake.

Mesh Species	Date	1½ in		2 in		2¾ in		3½ in		4¼ in		5¼ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Jul 27	19.61(19)	9.14(11)	7.23(7)	8.31(10)	9.29(9)	2.49(3)	14.45(14)	3.32(4)	10.32(10)	4.16(5)	1.03(1)	0
Walleye	Jul 27	0	0	0	0	0	0	0	0	0	0	0	0
Northern Pike	Jul 27	2.06(2)	1.66(2)	3.10(3)	2.49(3)	2.06(2)	3.32(4)	4.13(4)	5.82(7)	0	1.66(2)	0	0.83(1)
White Sucker	Jul 27	0	0	0	0	0	9.14(11)	0	4.16(5)	0.83(1)	0	0	0
Longnose Sucker	Jul 27	2.06(2)	12.47(15)	11.35(11)	18.29(22)	6.19(6)	9.97(12)	6.19(6)	6.65(8)	3.10(3)	7.48(9)	4.13(4)	2.49(3)
Burbot	Jul 27	2.06(2)	0	0	0.83(1)	0	0	0	0	3.10(3)	0	0	0
Cisco	Jul 27	18.58(18)	36.57(44)	9.29(9)	6.65(8)	2.06(2)	0.83(1)	1.03(1)	0	0	0	0	0
Sauger	Jul 27	0	0	0	0	0	0	0	0	0	0	0	0
Yellow Perch	Jul 27	0	0	0	0	0	0	0	0	0	0	0	0
Goldeye	Jul 27	0	0	0	0	0	0	0	0	0	0	0	0

Table 62. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Area 51, 29 July 1978, Southern Indian Lake.

Mesh Species	Date	1½ in		2 in		2¾ in		3½ in		4¼ in		5¼ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Jul 29	9.14(12)	1.00(1)	14.48(19)	15.00(15)	11.43(15)	14.00(14)	2.29(3)	5.00(5)	3.05(4)	1.00(1)	3.05(4)	6.00(6)
Walleye	Jul 29	0.76(1)	0	0.76(1)	0	0	0	0	1.00(1)	0	0	0	0
Northern Pike	Jul 29	1.52(2)	0	5.33(7)	0	8.38(11)	0	9.14(12)	2.00(2)	0	2.00(2)	0	0
White Sucker	Jul 29	0	0	3.05(4)	0	2.29(3)	0	3.81(5)	0	2.29(3)	0	1.52(2)	0
Longnose Sucker	Jul 29	0	0	4.57(6)	8.00(8)	4.57(6)	10.00(10)	6.10(8)	18.00(18)	15.24(20)	34.00(34)	4.57(6)	19.00(19)
Burbot	Jul 29	0	0	0	1.00(1)	0	3.00(3)	0	5.00(5)	0	2.00(2)	0	0
Cisco	Jul 29	11.43(15)	48.00(48)	1.52(2)	36.00(36)	0	9.00(9)	0	2.00(2)	0	0	0	0
Sauger	Jul 29	0	0	0	0	0	0	0	0	0	0	0	0
Yellow Perch	Jul 29	0	0	0	0	0	0	0	0	0	0	0	0
Goldeye	Jul 29	0	0	0	0	0	0	0	0	0	0	0	0

Table 63. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Station 40, 9 July, 12 August and 26 August 1979, Southern Indian Lake.

Mesh Species	Date	1½ in		2 in		2¾ in		3½ in		4¼ in		5¼ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Jul 9	20.67(17)	7.34(7)	13.37(11)	4.20(4)	1.22(1)	9.44(9)	9.73(8)	13.64(13)	23.10(19)	6.30(6)	1.22(1)	0
	Aug 12	10.24(8)	0	1.28(1)	0	2.56(2)	0	1.28(1)	1.12(1)	0	1.12(1)	0	0
	Aug 26	14.29(16)	0	5.36(6)	0	4.47(5)	2.82(3)	2.68(3)	0.94(1)	0	1.88(2)	1.79(2)	0
Walleye	Jul 9	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 12	1.28(1)	1.12(1)	0	0	1.28(1)	0	0	0	0	0	0	0
	Aug 26	1.79(2)	0	1.79(2)	0	4.47(5)	0	1.79(2)	1.88(2)	0	0	0	0
Northern Pike	Jul 9	0	0	0	0	25.53(21)	0	29.18(24)	1.05(1)	0	0	0	0
	Aug 12	0	1.12(1)	1.28(1)	0	2.56(2)	0	5.12(4)	1.12(1)	0	0	0	0
	Aug 26	0	0	1.79(2)	0	2.68(3)	0	4.47(5)	0.94(1)	0	0.94(1)	0	0
White Sucker	Jul 9	0	0	1.22(1)	0	0	0	6.08(5)	0	1.22(1)	0	0	0
	Aug 12	0	0	2.56(2)	0	2.56(2)	3.37(3)	8.96(7)	0	0	0	0	0
	Aug 26	0	0	0	0	0	0	3.57(4)	0	0	0	0.89(1)	0
Longnose Sucker	Jul 9	12.16(10)	1.05(1)	9.73(8)	5.25(5)	0	2.10(2)	6.08(5)	1.05(1)	3.65(3)	2.10(2)	1.22(1)	0
	Aug 12	1.28(1)	0	0	0	1.28(1)	4.49(4)	0	1.12(1)	0	0	1.28(1)	2.25(2)
	Aug 26	0	0	0	0.94(1)	1.79(2)	13.18(14)	0	0.94(1)	0	0.94(1)	1.79(2)	0.94(1)
Burbot	Jul 9	0	0	0	0	0	1.05(1)	0	2.10(2)	1.22(1)	0	0	0
	Aug 12	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 26	0	0	0	0	0	0.94(1)	0	0.94(1)	0	0	0	0
Cisco	Jul 9	9.73(8)	8.39(8)	8.51(7)	10.49(10)	0	3.15(3)	0	0	2.43(2)	0	1.22(1)	0
	Aug 12	0	1.12(1)	7.68(6)	11.23(10)	1.28(1)	0	0	0	0	0	0	0
	Aug 26	2.68(3)	3.76(4)	0.89(1)	8.47(9)	0.89(1)	2.82(3)	0.89(1)	0	0	0	0	0
Sauger	Jul 9	0	0	0	0	1.22(1)	0	0	0	0	0	0	0
	Aug 12	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 26	0	0	0	0	0	0	0	0	0	0	0	0
Yellow Perch	Jul 9	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 12	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 26	0	0	0	0	0	0	0	0	0	0	0	0
Goldeye	Jul 9	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 12	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 26	0	0	0	0	0	0	0	0	0	0	0	0



Table 64. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Station 41, 29 June and 14 August 1979, Southern Indian Lake.

Mesh Species	Date	1½ in		2 in		2¾ in		3½ in		4½ in		5½ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Jun 29	1.14(1)	3.69(3)	2.29(2)	1.23(1)	2.29(2)	20.92(17)	10.29(9)	33.23(27)	14.86(13)	16.00(13)	1.14(1)	1.23(1)
	Aug 14	1.81(2)	0.83(1)	4.53(5)	0	0	0.83(1)	0.91(1)	0	4.54(5)	1.66(2)	0	0
Walleye	Jun 29	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 14	0.91(1)	0	0	0.83(1)	0	0	0	0	0	0	0	0
Northern Pike	Jun 29	0	0	0	0	0	0	3.43(3)	0	1.14(1)	0	0	0
	Aug 14	0.91(1)	0	8.15(9)	0	0.91(1)	0	2.72(3)	0	0	0	0	0
White Sucker	Jun 29	0	0	0	0	0	0	1.14(1)	0	1.14(1)	0	0	0
	Aug 14	0	0	0.91(1)	0	6.34(7)	0.83(1)	6.34(7)	0.83(1)	2.72(3)	0	0.91(1)	0
Longnose Sucker	Jun 29	0	1.23(1)	0	0	2.29(2)	2.46(2)	1.14(1)	2.46(2)	4.57(4)	1.23(1)	3.43(3)	3.69(3)
	Aug 14	0	0	0.91(1)	0	2.72(3)	14.13(17)	6.34(7)	4.99(6)	8.15(9)	1.66(2)	2.72(3)	4.16(5)
Burbot	Jun 29	0	0	0	0	0	3.69(3)	0	3.69(3)	1.14(1)	3.69(3)	0	0
	Aug 14	0	0	0	0	0	0	0	0	0	0	0	0
Cisco	Jun 29	2.29(2)	6.15(5)	6.86(6)	1.23(1)	3.43(3)	1.23(1)	0	1.23(1)	1.14(1)	0	0	0
	Aug 14	1.81(2)	2.49(3)	8.15(9)	16.62(20)	8.15(9)	2.49(3)	1.81(2)	0	0	0	0	0
Sauger	Jun 29	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 14	0	0	0	0	0	0	0	0	0	0	0	0
Yellow Perch	Jun 29	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 14	0	0	0	0	0	0	0	0	0	0	0	0
Goldeye	Jun 29	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 14	0	0	0	0	0	0	0	0	0	0	0	0

Table 65. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Station 42, 2 July and 15 August 1979, Southern Indian Lake.

Mesh Species	Date	1½ in		2 in		2¾ in		3½ in		4¼ in		5¼ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Ju1 2	2.46(2)	1.07(1)	4.92(4)	0	2.46(2)	11.73(11)	9.85(8)	8.53(8)	9.85(8)	5.33(5)	2.46(2)	0
	Aug 15	1.12(1)	23.62(22)	1.12(1)	0	1.12(1)	2.15(2)	1.12(1)	0	3.37(3)	2.15(2)	3.37(3)	1.07(1)
Walleye	Ju1 2	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 15	0	0	1.12(1)	0	0	2.15(2)	0	0	0	0	0	0
Northern Pike	Ju1 2	1.23(1)	1.07(1)	1.23(1)	2.13(2)	1.23(1)	0	4.92(4)	0	1.23(1)	0	0	0
	Aug 15	0	0	0	0	2.25(2)	1.07(1)	3.37(3)	5.37(5)	1.12(1)	0	0	0
White Sucker	Ju1 2	1.23(1)	0	1.23(1)	0	1.23(1)	0	2.46(2)	0	0	0	0	0
	Aug 15	0	0	0	1.07(1)	1.12(1)	0	0	1.07(1)	0	1.07(1)	0	0
Longnose Sucker	Ju1 2	1.23(1)	0	0	0	0	0	7.38(6)	3.20(3)	9.85(8)	2.13(2)	4.92(4)	0
	Aug 15	0	1.07(1)	1.12(1)	3.22(3)	2.25(2)	0	1.12(1)	2.15(2)	0	16.11(15)	2.25(2)	4.30(4)
Burbot	Ju1 2	0	0	0	0	0	0	0	1.07(1)	1.23(1)	2.13(2)	0	0
	Aug 15	0	0	0	1.07(1)	0	0	0	0	0	0	0	1.07(1)
Cisco	Ju1 2	1.23(1)	11.73(11)	9.85(8)	27.73(26)	7.38(6)	8.53(8)	6.15(5)	1.07(1)	2.46(2)	0	1.23(1)	0
	Aug 15	10.11(9)	4.30(4)	48.28(43)	20.40(19)	0	4.30(4)	2.25(2)	1.07(1)	2.25(2)	2.15(2)	0	0
Sauger	Ju1 2	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 15	0	0	0	0	0	0	0	0	0	0	0	0
Yellow Perch	Ju1 2	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 15	0	0	0	0	0	0	0	0	0	0	0	0
Goldeye	Ju1 2	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 15	0	0	0	0	0	0	0	0	0	0	0	0

Table 66. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Station 43, 8 July, 13 August and 25 August 1979, Southern Indian Lake.

Mesh	Date	1½ in		2 in		2¾ in		3½ in		4¼ in		5¼ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Jul 8	30.86(27)	1.05(1)	21.71(19)	6.89(7)	9.14(8)	11.54(11)	16.0(14)	19.93(19)	5.71(5)	11.54(11)	0	2.10(2)
	Aug 13	16.64(22)	1.41(2)	6.81(9)	0	11.34(15)	1.41(2)	18.15(24)	0	15.12(20)	2.12(3)	0.76(1)	0
	Aug 25	36.06(40)	0	9.92(11)	0	2.70(3)	1.61(2)	9.92(11)	0	10.82(12)	0.81(1)	3.61(4)	0
Walleye	Jul 8	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 13	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 25	0	0	0	0	0	0	0	0	0	0.81(1)	0	0
Northern Pike	Jul 8	0	0	1.14(1)	0	2.29(2)	3.15(3)	2.29(2)	0	0	0	0	0
	Aug 13	0.76(1)	0.71(1)	2.27(3)	0.71(1)	4.54(6)	2.12(3)	6.05(8)	0.71(1)	0.76(1)	0	0	0
	Aug 25	0.90(1)	0	0.90(1)	0.81(1)	0.90(1)	1.61(2)	0.90(1)	0	0.90(1)	0	0	0
White Sucker	Jul 8	0	0	0	0	0	3.15(3)	0	1.05(1)	0	0	0	0
	Aug 13	0	0	0	0	0.76(1)	0	0	0.71(1)	0	0.71(1)	0	0
	Aug 25	0	0	0	0	0	0	0	0	0.90(1)	0	0	0
Longnose Sucker	Jul 8	2.29(2)	0	1.14(1)	0	2.29(2)	8.39(8)	3.43(3)	3.15(3)	5.71(5)	0	2.29(2)	0
	Aug 13	3.78(5)	0	11.34(15)	9.18(13)	6.05(8)	11.30(16)	9.83(13)	7.06(10)	13.61(18)	2.82(4)	6.81(9)	1.41(2)
	Aug 25	2.70(3)	0	5.41(6)	0.81(1)	10.82(12)	4.03(5)	13.52(15)	3.23(4)	22.54(25)	1.61(2)	16.23(18)	1.61(2)
Burbot	Jul 8	0	1.05(1)	0	0	0	0	0	2.29(2)	0	0	0	0
	Aug 13	0.76(1)	0	0.76(1)	0	0	0	0	0.71(1)	0	0	0	0
	Aug 25	0	0	0	0	0	0	0.90(1)	0	0	0	0	0
Cisco	Jul 8	17.14(15)	17.84(17)	12.57(11)	16.79(16)	0	1.05(1)	0	0	1.14(1)	3.15(3)	0	0
	Aug 13	5.29(7)	6.35(9)	4.54(6)	4.94(7)	0.76(1)	4.24(6)	1.51(2)	0	0.76(1)	0	0	0
	Aug 25	2.70(3)	16.94(21)	0.90(1)	8.07(10)	0.90(1)	2.42(3)	0.90(1)	0	0	0	0	0
Sauger	Jul 8	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 13	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 25	0	0	0	0	0	0	0	0	0	0	0	0
Yellow Perch	Jul 8	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 13	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 25	0	0	0	0	0	0	0	0	0	0	0	0
Goldeye	Jul 8	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 13	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 25	0	0	0	0	0	0	0	0	0	0	0	0

Table 57. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Station 50, 6 July, 3 August and 22 August 1979, Southern Indian Lake.

Mesh Species	Date	1½ in		2 in		2¾ in		3½ in		4½ in		5½ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Jul 6	3.37(3)	2.46(2)	16.84(15)	2.46(2)	12.35(11)	3.69(3)	7.86(7)	2.46(2)	6.74(6)	4.92(4)	2.25(2)	3.69(3)
	Aug 3	0	1.96(2)	1.75(2)	0	5.24(6)	2.94(3)	8.73(10)	4.90(5)	0.87(1)	6.86(7)	0	0
	Aug 22	1.02(1)	0	3.05(3)	1.12(1)	9.14(9)	0	2.03(2)	10.11(9)	2.03(2)	7.86(7)	1.02(1)	0
Walleye	Jul 6	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 3	0	0	5.24(6)	1.96(2)	8.73(10)	0.98(1)	5.24(6)	0	1.75(2)	0	0	0
	Aug 22	0	0	2.03(2)	0	6.10(6)	0	9.14(9)	0	1.02(1)	1.12(1)	0	1.12(1)
Northern Pike	Jul 6	1.12(1)	1.23(1)	7.86(7)	7.38(6)	25.82(23)	9.85(8)	14.6(13)	6.15(5)	2.25(2)	0	0	0
	Aug 3	0	1.96(2)	4.36(5)	0	14.84(17)	2.94(3)	6.11(7)	5.88(6)	0	0.98(1)	0	0
	Aug 22	1.02(1)	2.25(2)	3.05(3)	0	6.10(6)	6.74(6)	1.02(1)	3.37(3)	2.03(2)	2.25(2)	0	0
White Sucker	Jul 6	3.37(3)	0	3.37(3)	2.46(2)	6.74(6)	4.92(4)	32.56(29)	2.46(2)	3.37(3)	0	0	0
	Aug 3	0	0	2.62(3)	0	2.62(3)	0	7.86(9)	0.98(1)	1.75(2)	0	0	0
	Aug 22	1.02(1)	0	6.10(6)	0	2.03(2)	3.37(3)	20.32(20)	0	1.02(1)	0	0	0
Longnose Sucker	Jul 6	0	0	2.25(2)	0	2.25(2)	1.23(1)	6.74(6)	3.69(3)	8.98(8)	6.15(5)	0	0
	Aug 3	0	0.98(1)	2.62(3)	2.94(3)	0	6.86(7)	6.98(8)	1.96(2)	4.36(5)	9.80(10)	0.87(1)	3.92(4)
	Aug 22	0	0	0	0	0	2.25(2)	0	0	2.03(2)	0	3.05(3)	0
Burbot	Jul 6	0	0	0	0	0	0	0	1.23(1)	1.12(1)	0	0	0
	Aug 3	0	0	0	0	0	0	0	0	0	0	0	0.98(1)
	Aug 22	0	0	0	0	0	0	0	0	0	0	0	0
Cisco	Jul 6	32.56(29)	54.15(44)	10.11(9)	9.85(8)	0	6.15(5)	0	1.23(1)	0	0	0	0
	Aug 3	8.73(10)	30.37(31)	0.87(1)	0	0	0	0	0.98(1)	0	0	0	0
	Aug 22	36.57(36)	7.86(7)	4.06(4)	0	0	0	0	0	0	0	0	0
Sauger	Jul 6	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 3	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 22	0	0	0	0	0	0	0	0	0	0	0	0
Yellow Perch	Jul 6	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 3	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 22	0	0	0	0	0	0	0	0	0	0	0	0
Goldeye	Jul 6	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 3	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 22	0	0	0	0	0	0	0	0	0	0	0	0

Table 68. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Station 51, 4 July and 6 August 1979, Southern Indian Lake.

Mesh	Date	1½ in		2 in		2¾ in		3½ in		4¾ in		5¼ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Jul 4	8.35(6)	5.35(5)	2.78(2)	7.47(7)	0	16.00(15)	4.17(3)	20.27(19)	1.39(1)	5.33(5)	0	0
	Aug 6	9.26(8)	1.07(1)	4.63(4)	2.13(2)	2.31(2)	16.00(15)	0	5.33(5)	0	6.40(6)	0	0
Walleye	Jul 4	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 6	0	0	0	0	0	0	0	0	0	0	0	0
Northern Pike	Jul 4	0	0	0	0	0	0	1.39(1)	0	0	0	0	0
	Aug 6	1.16(1)	1.07(1)	1.16(1)	2.13(2)	3.47(3)	1.07(1)	0	3.20(3)	1.16(1)	0	0	0
White Sucker	Jul 4	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 6	0	0	0	0	0	0	0	0	0	0	0	0
Longnose Sucker	Jul 4	0	0	1.39(1)	0	2.78(2)	0	0	0	5.57(4)	2.13(2)	1.39(1)	0
	Aug 4	1.16(1)	2.13(2)	2.31(2)	2.13(2)	5.78(5)	9.60(9)	0	3.20(3)	11.57(10)	16.00(15)	10.41(9)	3.20(3)
Burbot	Jul 4	1.39(1)	3.20(3)	0	0	0	0	1.39(1)	9.60(9)	0	2.13(2)	0	1.07(1)
	Aug 4	0	0	0	0	0	1.07(1)	0	1.07(1)	2.31(2)	8.53(8)	0	0
Cisco	Jul 4	23.65(17)	13.87(13)	11.13(8)	37.33(35)	6.96(5)	6.40(6)	4.17(3)	1.07(1)	0	0	0	0
	Aug 6	17.35(15)	32.00(30)	9.26(8)	9.60(9)	17.35(15)	11.73(11)	0	2.13(2)	2.31(2)	3.20(3)	0	0
Sauger	Jul 4	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 6	0	0	0	0	0	0	0	0	0	0	0	0
Yellow Perch	Jul 4	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 6	0	0	0	0	0	0	0	0	0	0	0	0
Goldeye	Jul 4	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 6	0	0	0	0	0	0	0	0	0	0	0	0

Table 69. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Station 52, 7 July, 11 August and 23 August 1979, Southern Indian Lake.

Mesh	Date	1½ in		2 in		2¾ in		3½ in		4¼ in		5¼ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Jul 7	2.67(2)	1.33(1)	6.67(5)	0	5.33(4)	1.33(1)	6.67(5)	9.33(7)	9.33(7)	0	2.67(2)	8.00(6)
	Aug 11	2.49(2)	0	1.25(1)	2.13(2)	2.49(2)	1.07(1)	0	8.53(8)	0	28.80(27)	0	3.20(3)
	Aug 23	2.02(2)	1.09(1)	7.08(7)	5.46(5)	9.10(9)	3.27(3)	7.08(7)	19.65(18)	6.06(6)	32.74(30)	3.03(3)	4.37(4)
Walleye	Jul 7	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 11	6.24(5)	0	8.73(7)	0	8.73(7)	1.07(1)	11.22(9)	0	8.73(7)	0	0	0
	Aug 23	1.01(1)	0	0	0	5.05(5)	1.09(1)	2.02(2)	0	1.01(1)	0	0	0
Northern Pike	Jul 7	2.67(2)	0	10.67(8)	1.33(1)	5.33(4)	0	5.33(4)	0	0	0	0	0
	Aug 11	3.74(3)	2.13(2)	4.99(4)	1.07(1)	4.99(4)	5.33(5)	1.25(1)	5.33(5)	1.25(1)	0	0	0
	Aug 23	7.08(7)	0	10.11(10)	0	11.12(11)	1.09(1)	6.06(6)	4.37(4)	1.01(1)	0	0	0
White Sucker	Jul 7	0	0	0	0	0	0	1.33(1)	0	0	0	0	0
	Aug 11	0	0	0	0	0	1.07(1)	6.24(5)	0	0	0	0	0
	Aug 23	0	0	0	0	2.02(2)	0	5.05(5)	0	0	0	0	0
Longnose Sucker	Jul 7	0	0	4.00(3)	0	5.33(4)	2.67(2)	16.00(12)	1.33(1)	22.67(17)	0	1.33(1)	0
	Aug 11	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 23	0	0	0	0	0	0	0	0	1.01(1)	0	0	0
Burbot	Jul 7	0	0	0	0	0	0	0	0	1.33(1)	4.00(3)	0	0
	Aug 11	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 23	0	0	0	0	0	0	0	0	0	0	0	0
Cisco	Jul 7	62.67(47)	70.67(53)	12.00(9)	16.00(12)	4.00(3)	1.33(1)	2.67(2)	4.00(3)	0	1.33(1)	0	0
	Aug 11	44.89(36)	24.53(23)	7.48(6)	4.27(4)	1.25(1)	0	0	1.07(1)	0	0	0	0
	Aug 23	92.99(92)	6.55(6)	32.34(32)	1.09(1)	3.03(3)	5.46(5)	2.02(2)	0	0	2.18(2)	0	0
Sauger	Jul 7	0	0	1.33(1)	0	1.33(1)	0	1.33(1)	0	0	0	0	0
	Aug 11	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 23	0	0	0	0	0	0	0	0	0	0	0	0
Yellow Perch	Jul 7	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 11	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 23	1.01(1)	0	0	0	1.01(1)	0	0	0	0	0	0	0
Goldeye	Jul 7	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 11	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 23	0	0	0	0	0	0	0	0	0	0	0	0

Table 70. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, Station 53, 5 July and 5 August 1979, Southern Indian Lake.

Mesh Species	Date	1½ in		2 in		2¾ in		3½ in		4½ in		5¼ in	
		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Lake Whitefish	Jul 5	1.10(1)	4.20(4)	1.10(1)	2.10(2)	1.10(1)	2.10(2)	0	2.10(2)	3.31(3)	2.10(2)	2.21(2)	1.05(1)
	Aug 5	0	2.43(2)	3.37(3)	0	0	3.65(3)	0	0	2.25(2)	4.86(4)	3.37(3)	4.86(4)
Walleye	Jul 5	2.21(2)	1.05(1)	5.52(5)	2.10(2)	1.10(1)	2.10(2)	0	0	0	0	0	0
	Aug 5	0	12.16(10)	8.98(8)	0	1.12(1)	10.94(9)	0	0	1.12(1)	1.22(1)	0	0
Northern Pike	Jul 5	1.10(1)	3.15(3)	6.62(6)	2.10(2)	5.52(5)	7.34(7)	8.83(8)	8.39(8)	1.10(1)	0	0	0
	Aug 5	1.12(1)	3.65(3)	5.61(5)	4.86(4)	0	10.94(9)	0	3.65(3)	1.12(1)	1.22(1)	0	0
White Sucker	Jul 5	2.21(2)	0	8.83(8)	0	8.83(8)	15.74(15)	22.07(20)	15.74(15)	8.83(8)	0	0	0
	Aug 5	0	0	0	0	0	3.65(3)	0	0	4.49(4)	0	0	0
Longnose Sucker	Jul 5	0	0	1.10(1)	1.05(1)	2.21(2)	2.10(2)	4.41(4)	2.10(2)	6.62(6)	4.20(4)	0	0
	Aug 5	0	0	0	0	0	0	0	0	0	0	0	0
Burbot	Jul 5	0	0	0	0	0	0	1.10(1)	0	0	0	0	0
	Aug 5	0	0	0	0	0	0	0	0	0	0	0	0
Cisco	Jul 5	15.45(14)	19.93(19)	1.10(1)	1.05(1)	0	0	0	0	0	0	0	0
	Aug 5	14.60(13)	21.88(18)	3.37(3)	3.65(3)	2.25(2)	0	0	0	0	1.22(1)	0	0
Sauger	Jul 5	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 5	0	0	0	0	0	0	0	0	0	0	0	0
Yellow Perch	Jul 5	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 5	0	0	0	0	0	0	0	0	0	0	0	0
Goldeye	Jul 5	0	0	0	0	0	0	0	0	0	0	0	0
	Aug 5	0	0	0	0	0	0	0	0	0	0	0	0

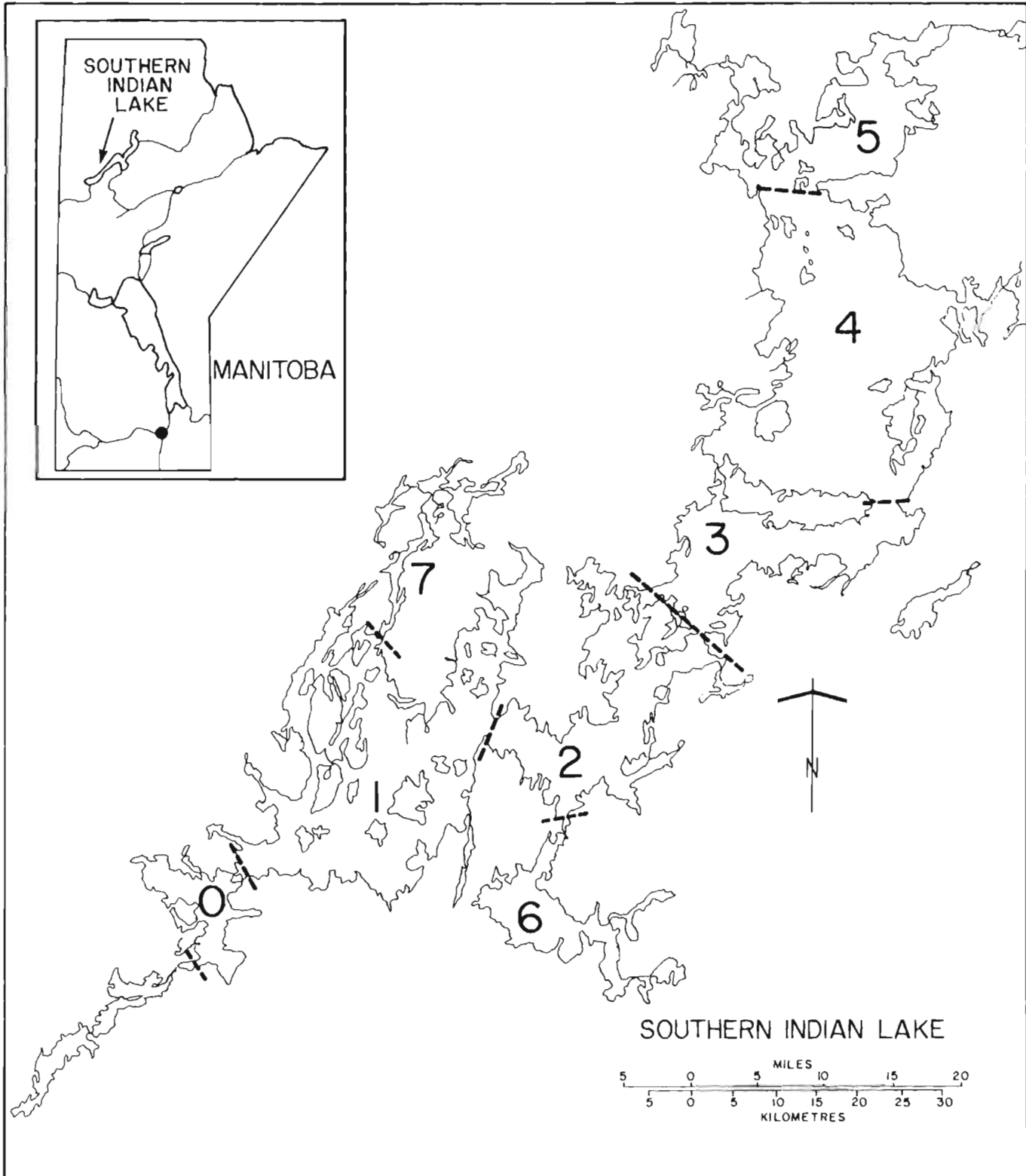


Fig. 1. Location of Southern Indian Lake in Manitoba and eight major basins of the lake delineated for limnological studies.



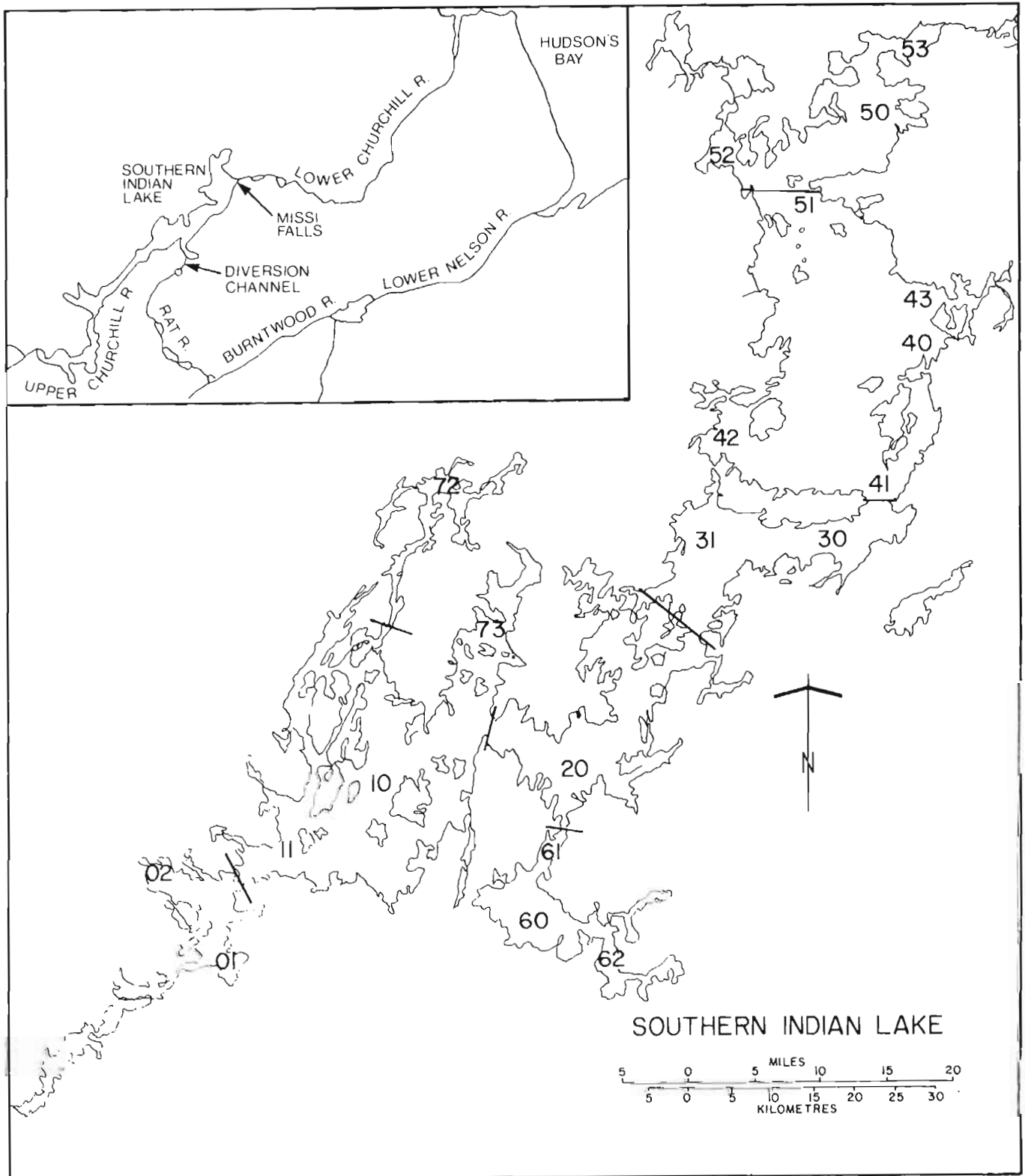


Fig. 2. Relation of Southern Indian Lake to Churchill and Nelson Rivers hydroelectric development and fishing stations on lake utilized, 1972-1979.

