APPENDIX D

Density and Total Biomass of Macrozoobenthos - A Summary by Year, Month, Transect, and Station

The density (square root of no./m² + 0.5) of 24 macrozoobenthos taxa and total biomass (ash free dry weight in g/m²) are plotted in three different arrangements: transects by year for May, transect by year for October, and transect by station with months combined. These plots are part of the ANOVA results and should be used when interpreting main effect results in Tables 8 to 19 in the main body of the report.

Index

	Figure		Figure
Hydra	1-3	*Oecetis*	40-42
Turbellaria	4-6	*Caenis*	43-45
Nemertinea	7-9	*Hexagenia*	46-48
Nematoda	10-12	*Cheumatopsyche*	49-51
Hirudinea	13-15	*Hydropsyche*	52-54
Oligochaeta	16-18	Acarina	55-57
Manayunkia	19-21	Sphaeriidae	58-60
Harpacticoida	22-24	*Physa*	61-63
Ostracoda	25-27	*Gyraulus*	64-66
Isopoda	28-30	*Amnicola*	67-69
Gammarus	31-33	*Elimia*	70-72
Hyalella	34-36	Macrozoobenthos Biomass	73-75
Chironomidae	37-39		

FIG. 1

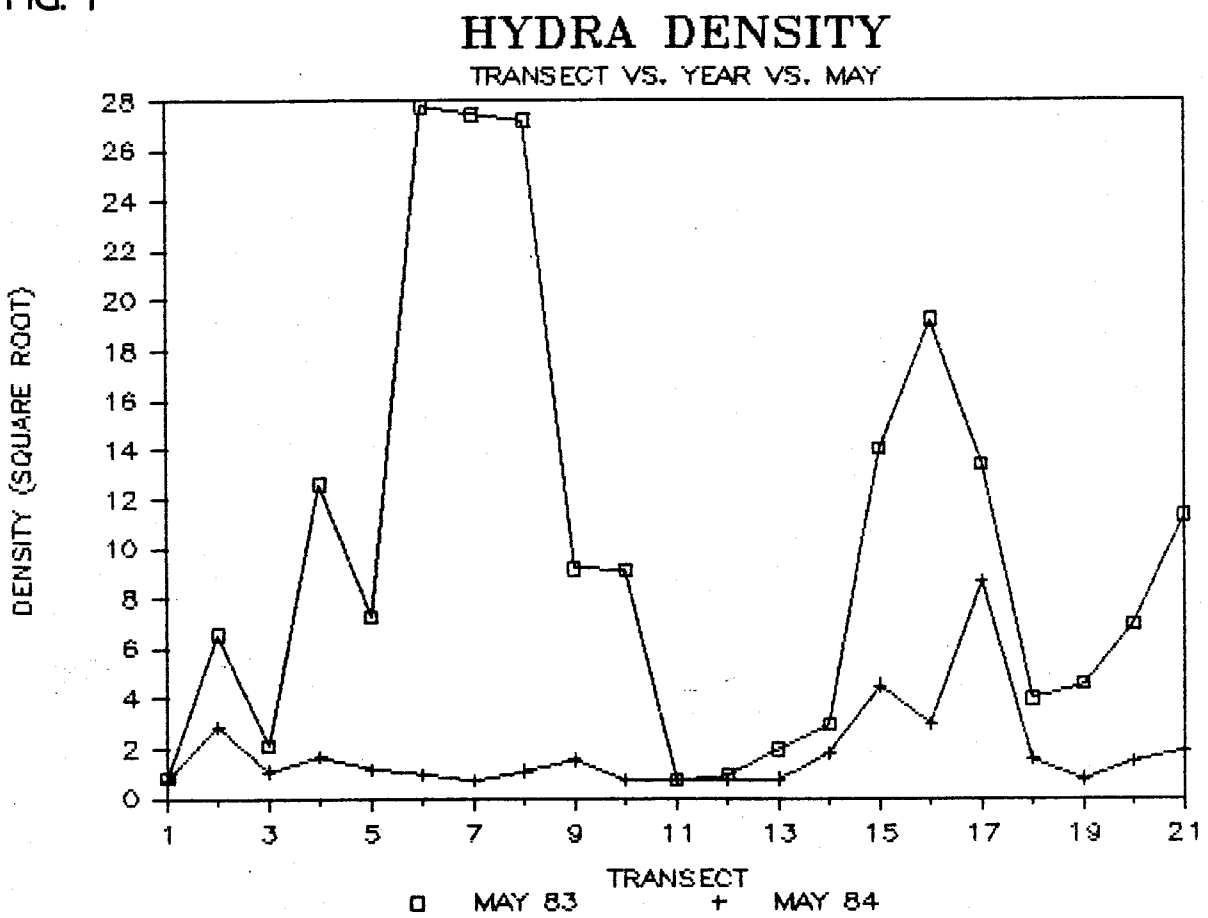

HYDRA DENSITY
TRANSECT VS. YEAR VS. MAY
DENSITY (SQUARE ROOT)
0
2
4
6
8
10
12
14
16
18
20
22
24
26
28
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
MAY 83
MAY 84

FIG. 2

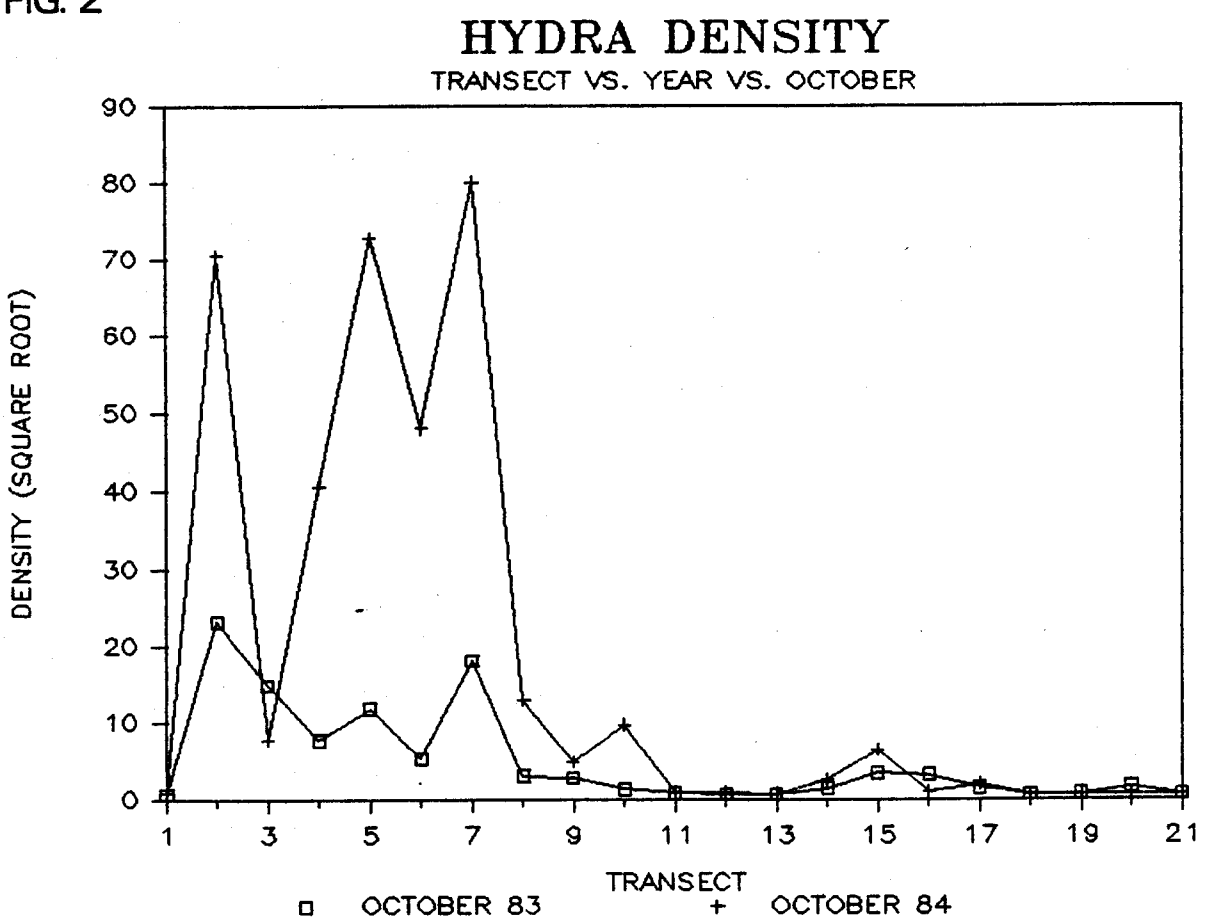

HYDRA DENSITY
TRANSECT VS. YEAR VS. OCTOBER
DENSITY (SQUARE ROOT)
0
10
20
30
40
50
60
70
80
90
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OCTOBER 83
OCTOBER 84

FIG. 3

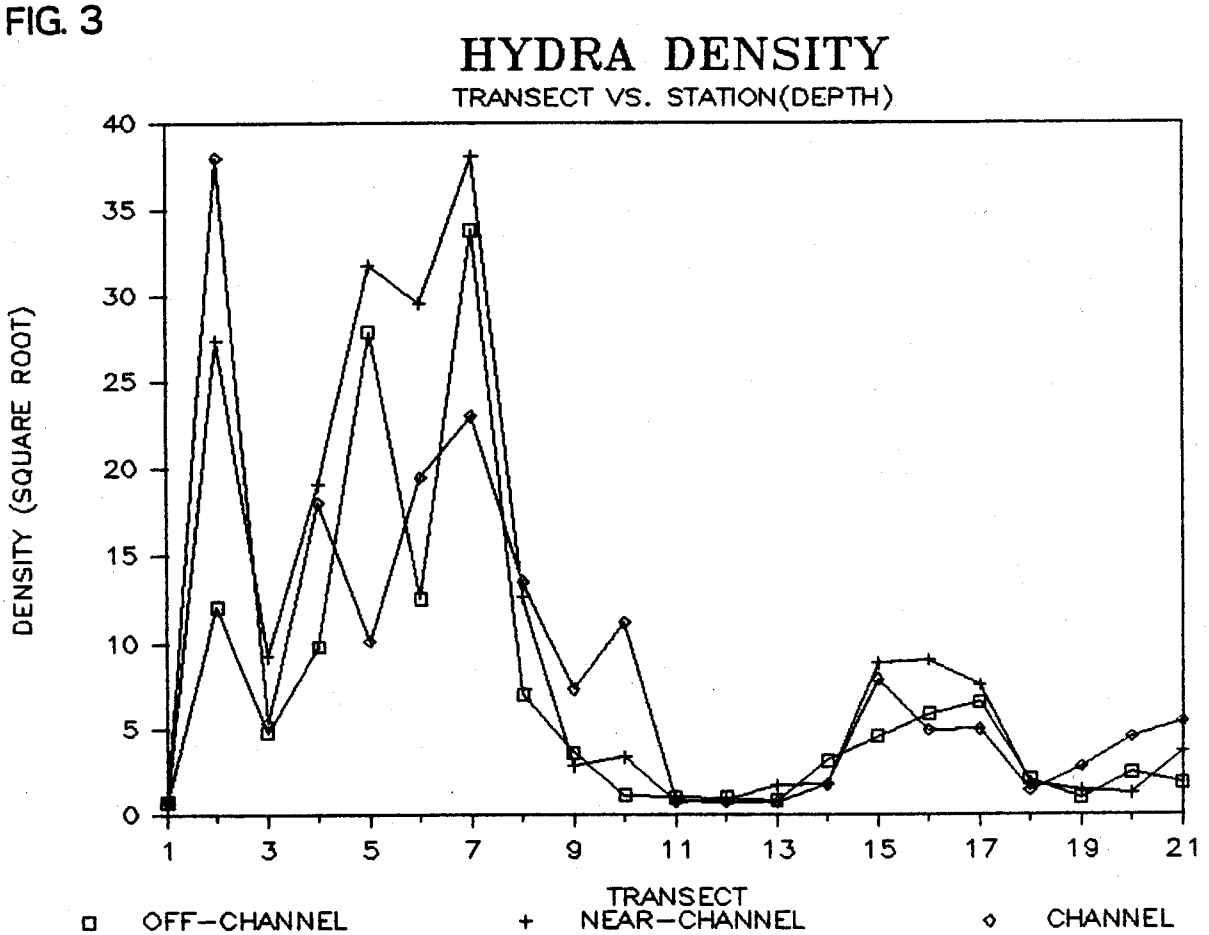

HYDRA DENSITY
TRANSECT VS. STATION(DEPTH)
DENSITY (SQUARE ROOT)
40
35
30
25
20
15
10
5
0
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OFF-CHANNEL
NEAR-CHANNEL
CHANNEL

FIG. 4

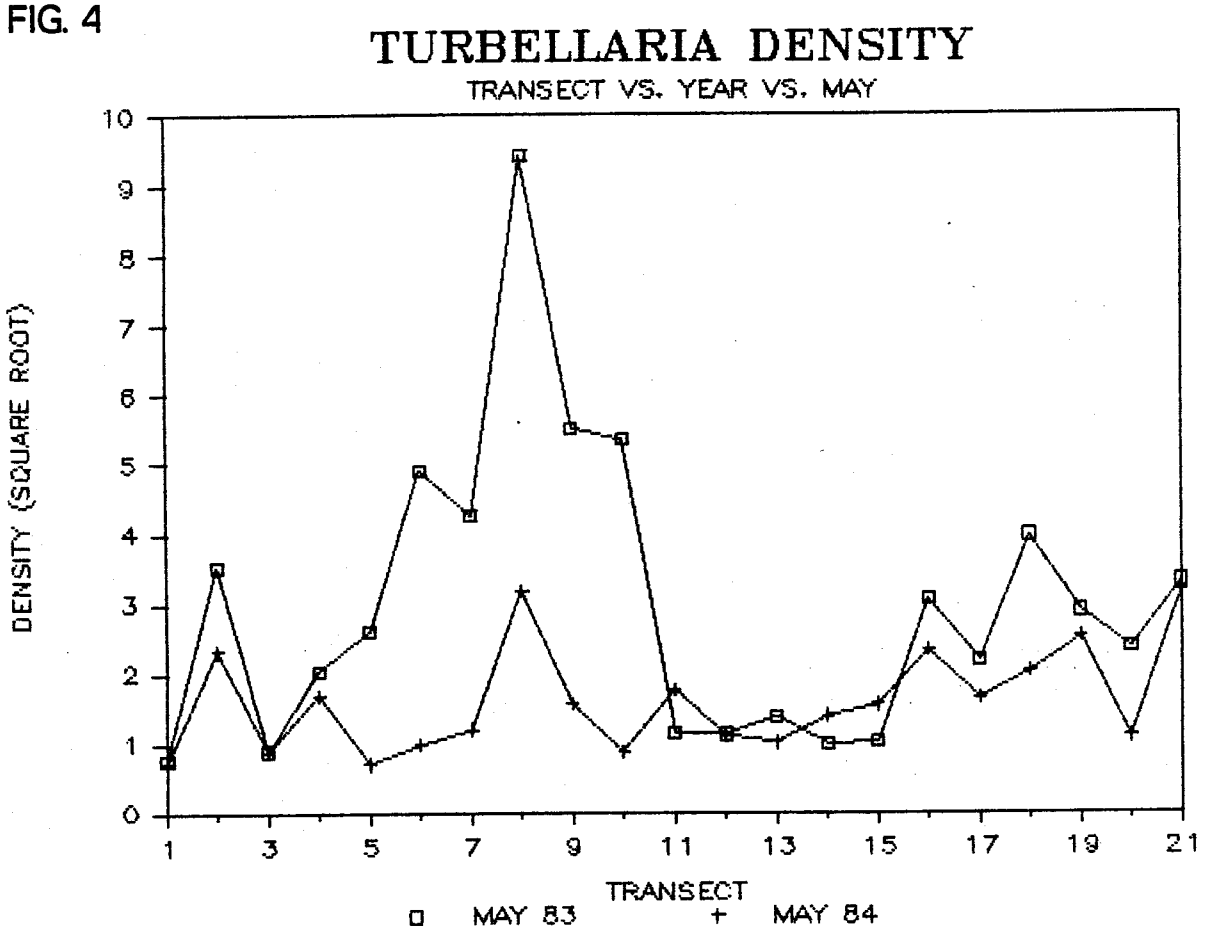

TURBELLARIA DENSITY
TRANSECT VS. YEAR VS. MAY
DENSITY (SQUARE ROOT)
0
1
2
3
4
5
6
7
8
9
10
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
MAY 83
MAY 84

FIG. 5

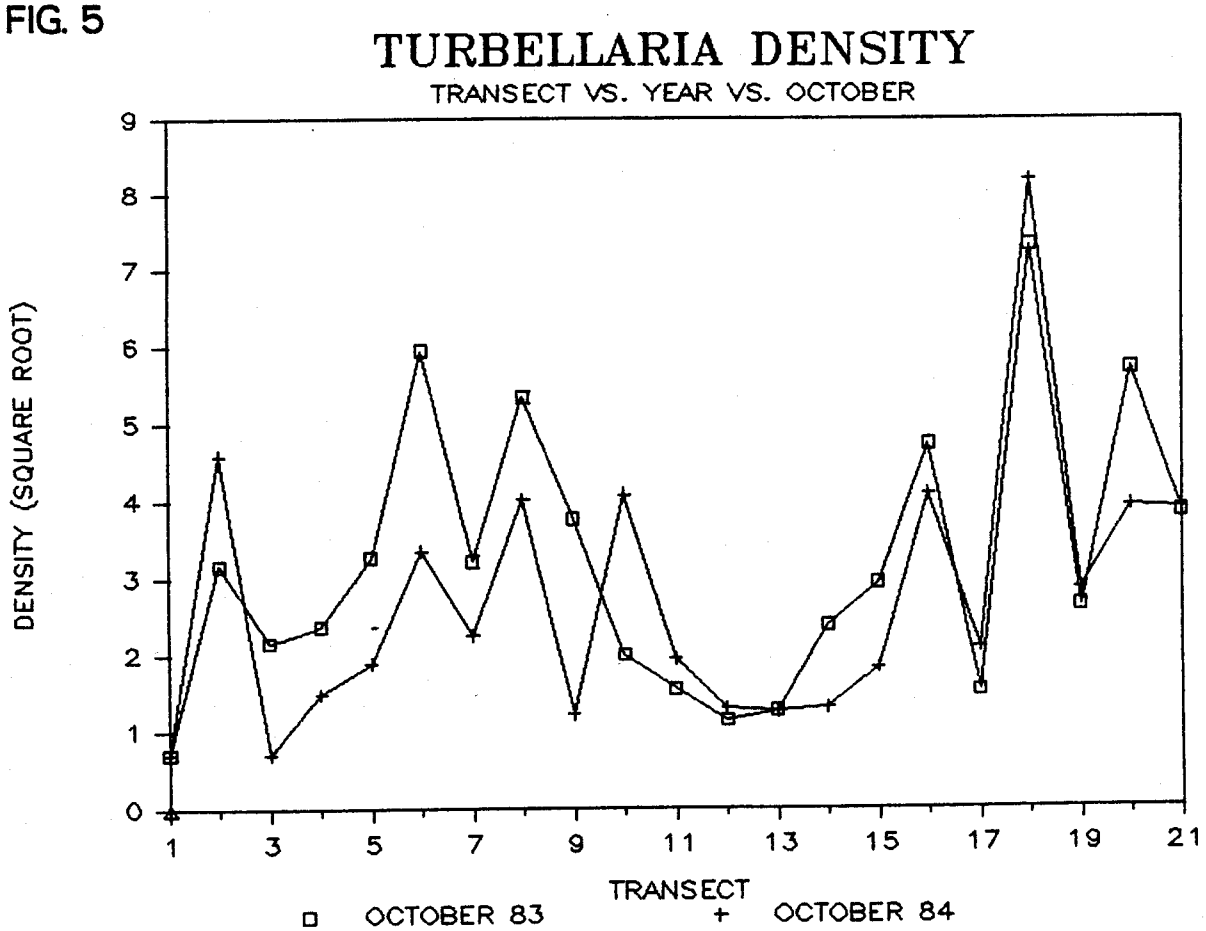

TURBELLARIA DENSITY
TRANSECT VS. YEAR VS. OCTOBER
DENSITY (SQUARE ROOT)
0
1
2
3
4
5
6
7
8
9
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OCTOBER 83
OCTOBER 84

FIG. 6

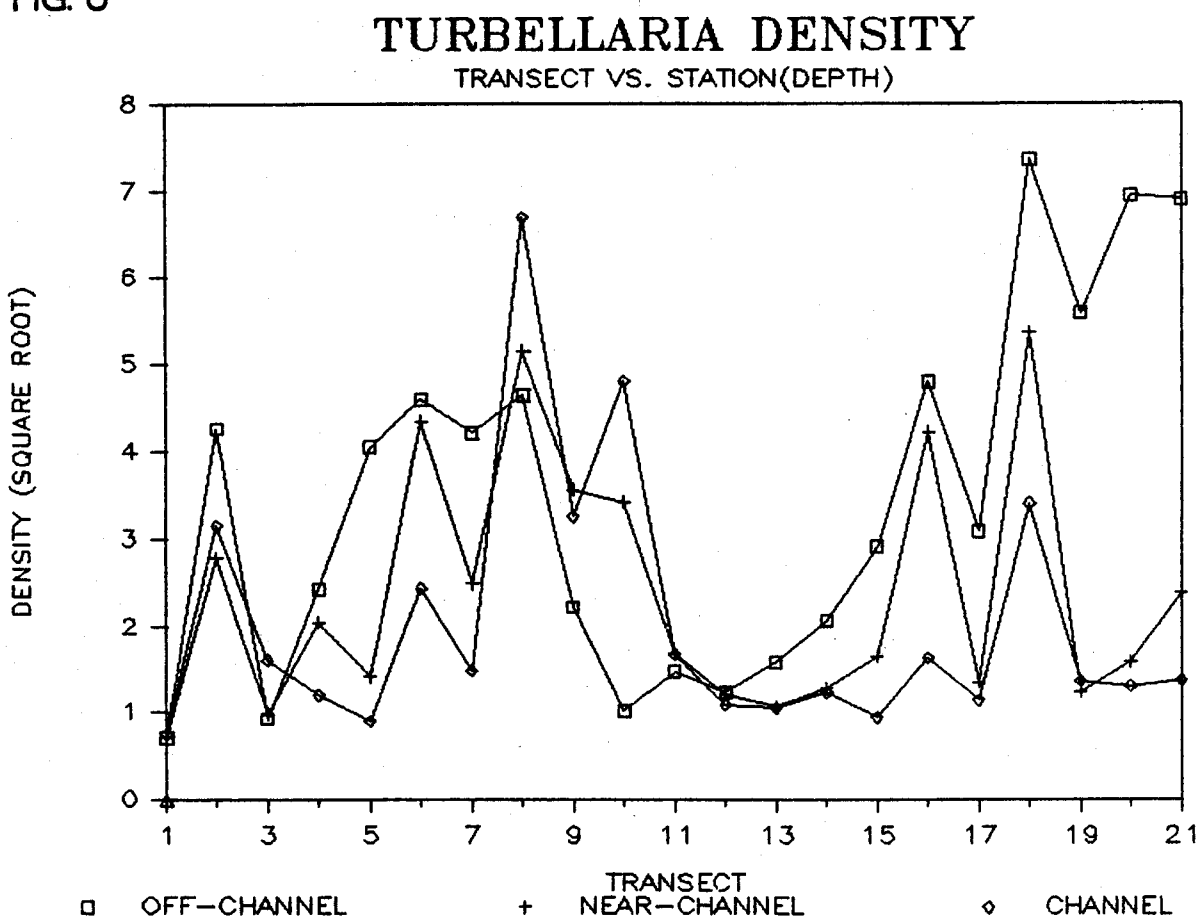

TURBELLARIA DENSITY
TRANSECT VS. STATION(DEPTH)
DENSITY (SQUARE ROOT)
0
1
2
3
4
5
6
7
8
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OFF-CHANNEL
NEAR-CHANNEL
CHANNEL

FIG. 7

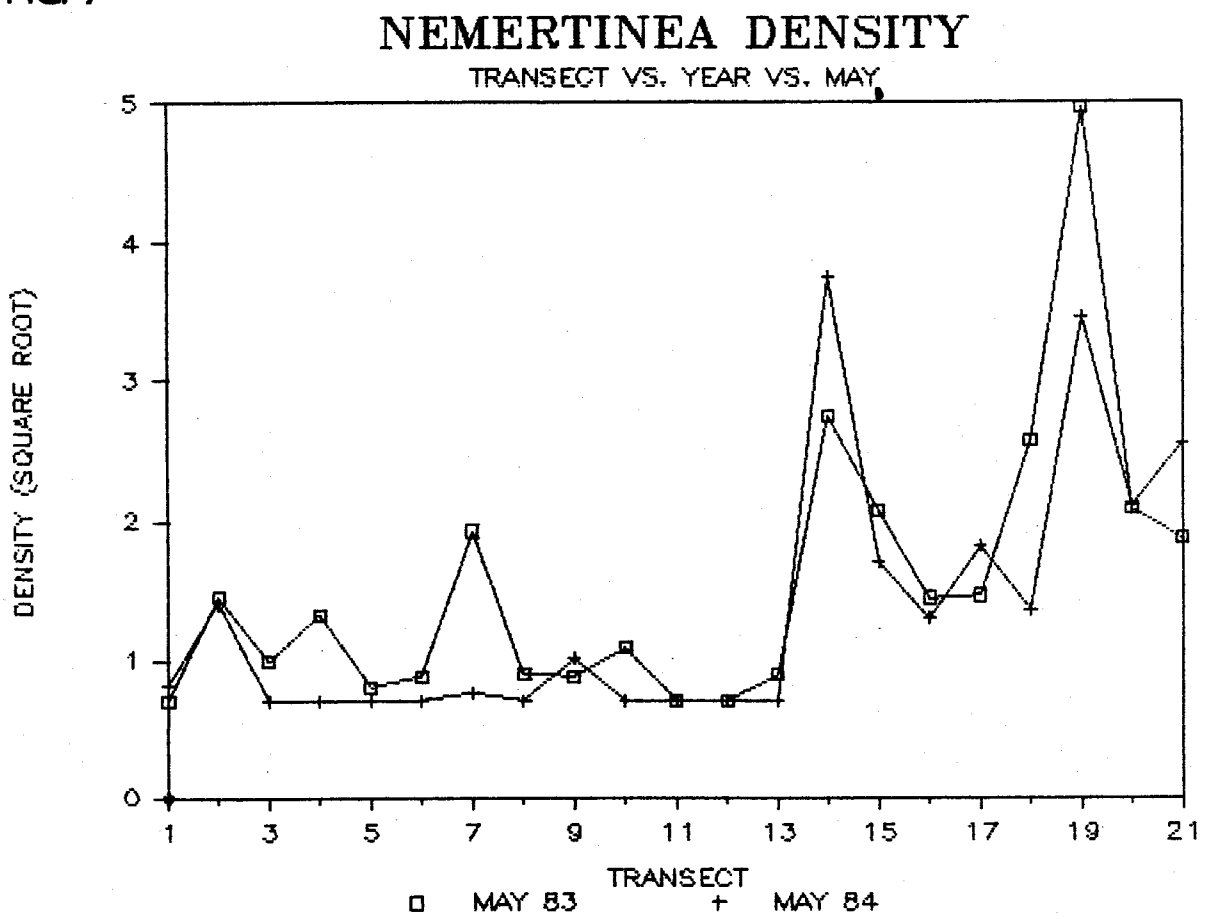

NEMERTINEA DENSITY
TRANSECT VS. YEAR VS. MAY
DENSITY (SQUARE ROOT)
0
1
2
3
4
5
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
MAY 83
MAY 84

FIG. 8

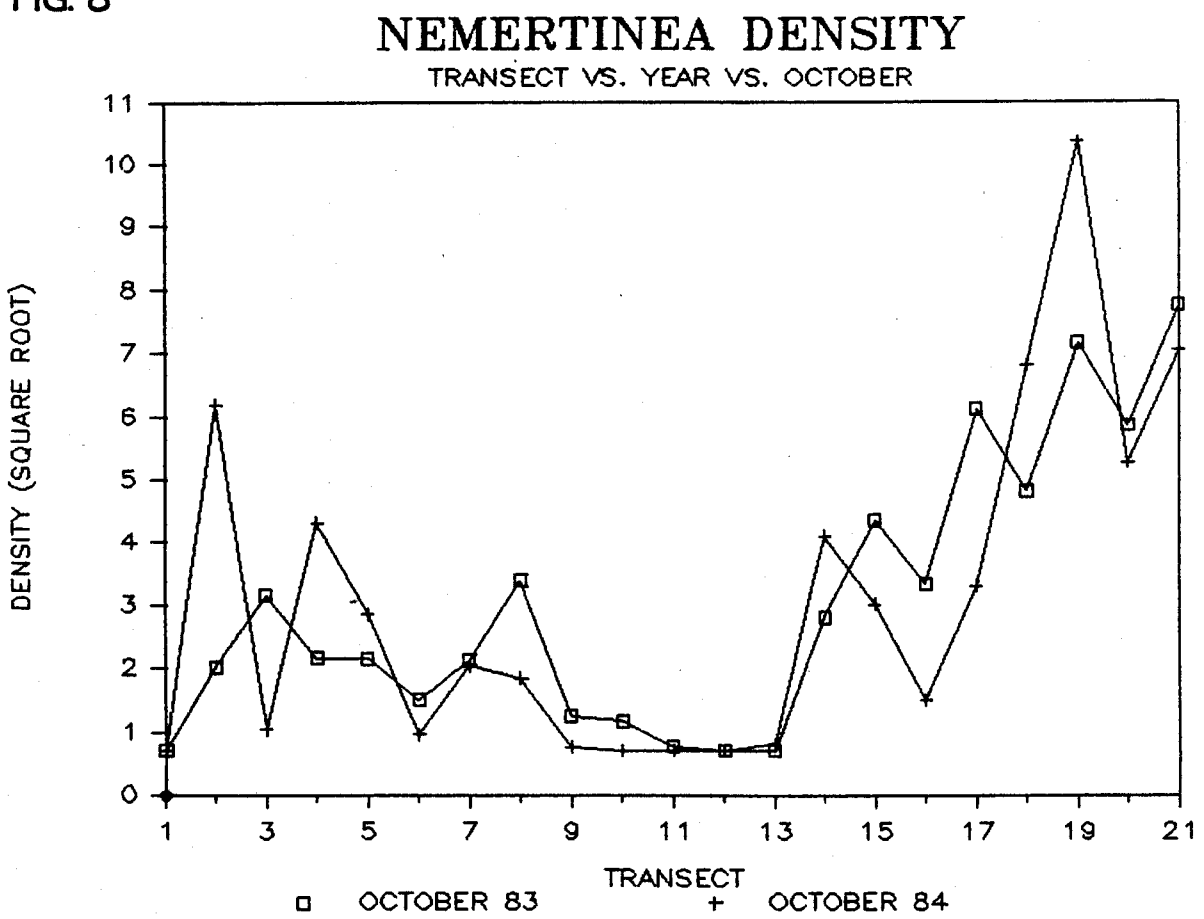

NEMERTINEA DENSITY
TRANSECT VS. YEAR VS. OCTOBER
DENSITY (SQUARE ROOT)
0
1
2
3
4
5
6
7
8
9
10
11
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OCTOBER 83
OCTOBER 84

FIG. 9

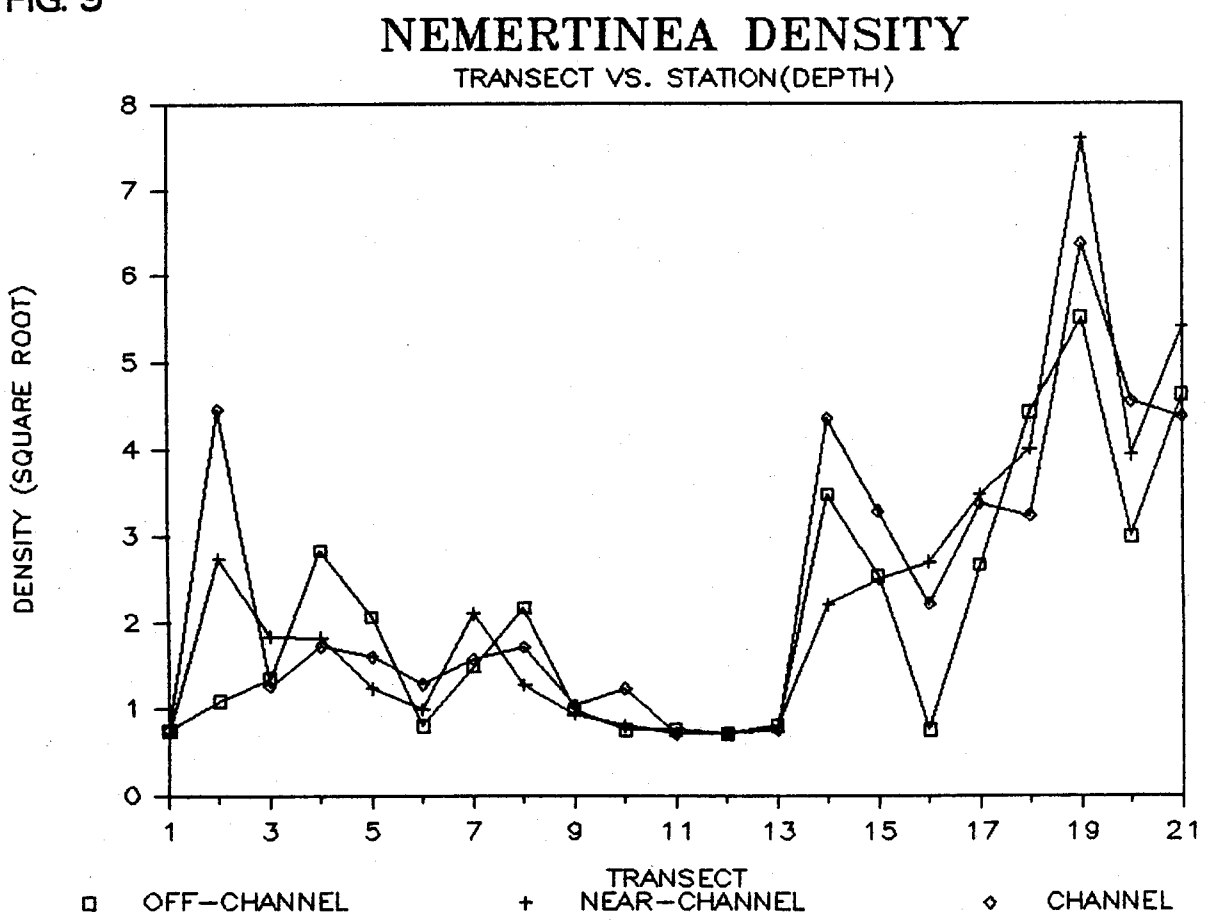

NEMERTINEA DENSITY
TRANSECT VS. STATION(DEPTH)
DENSITY (SQUARE ROOT)
0
1
2
3
4
5
6
7
8
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OFF-CHANNEL
NEAR-CHANNEL
CHANNEL

FIG. 10

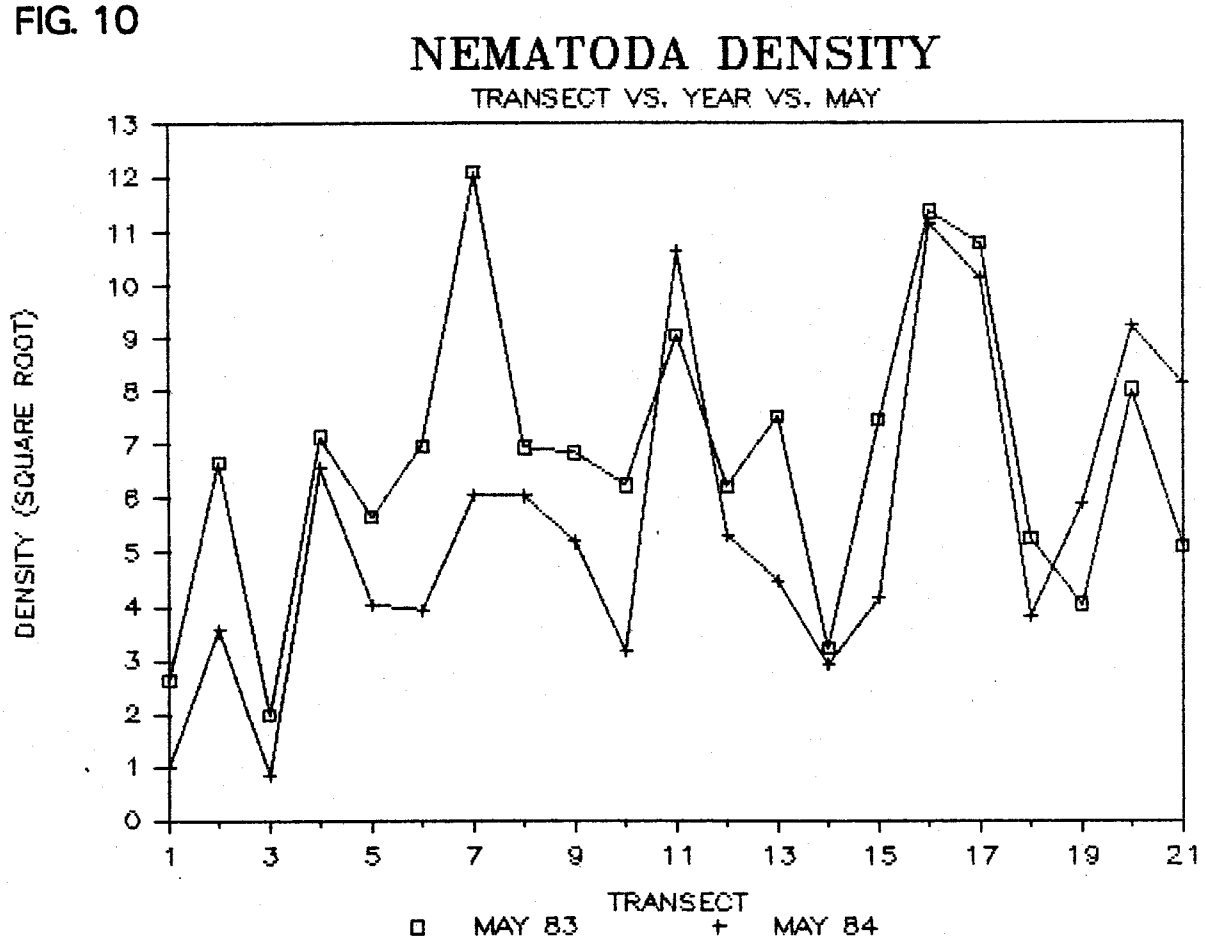

NEMATODA DENSITY
TRANSECT VS. YEAR VS. MAY
DENSITY (SQUARE ROOT)
0
1
2
3
4
5
6
7
8
9
10
11
12
13
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
MAY 83
MAY 84

FIG. 11

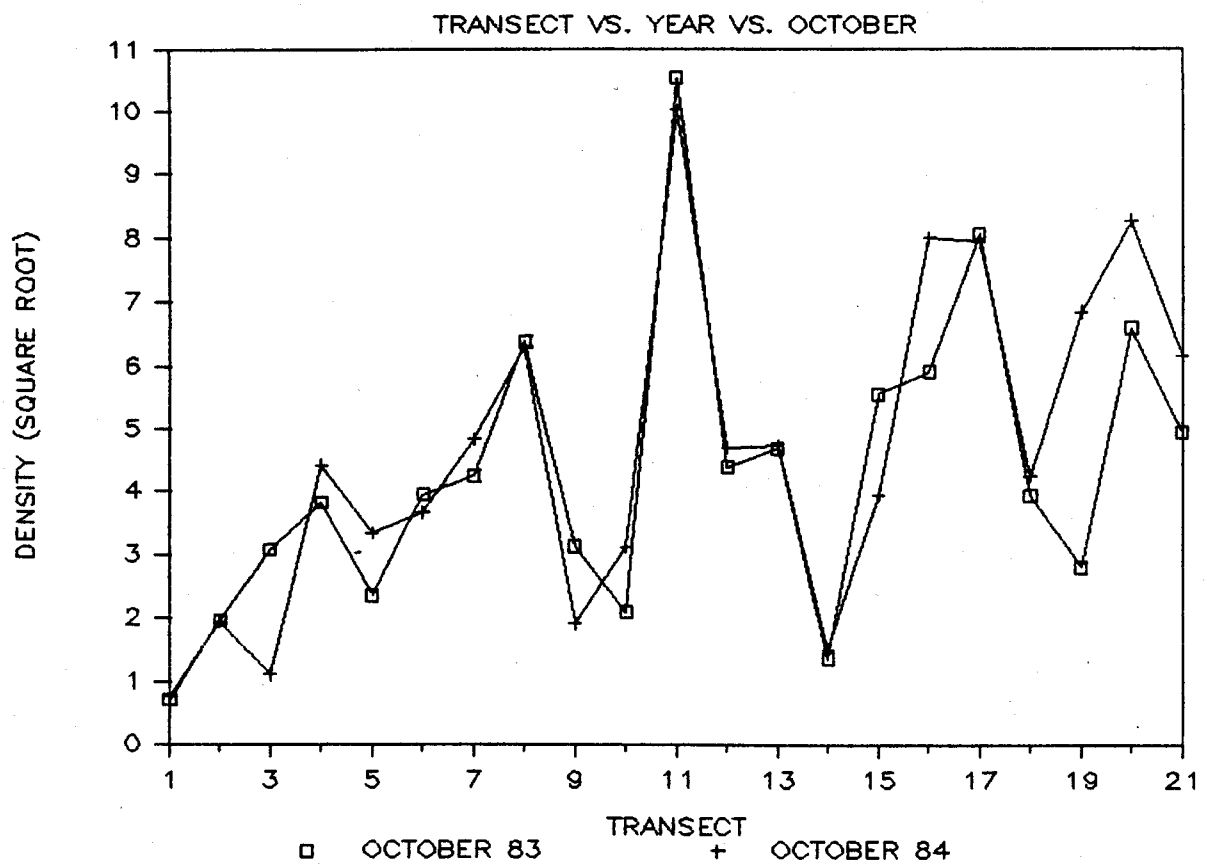

NEMATODA DENSITY
TRANSECT VS. YEAR VS. OCTOBER
DENSITY (SQUARE ROOT)
0
1
2
3
4
5
6
7
8
9
10
11
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OCTOBER 83
OCTOBER 84

FIG. 12

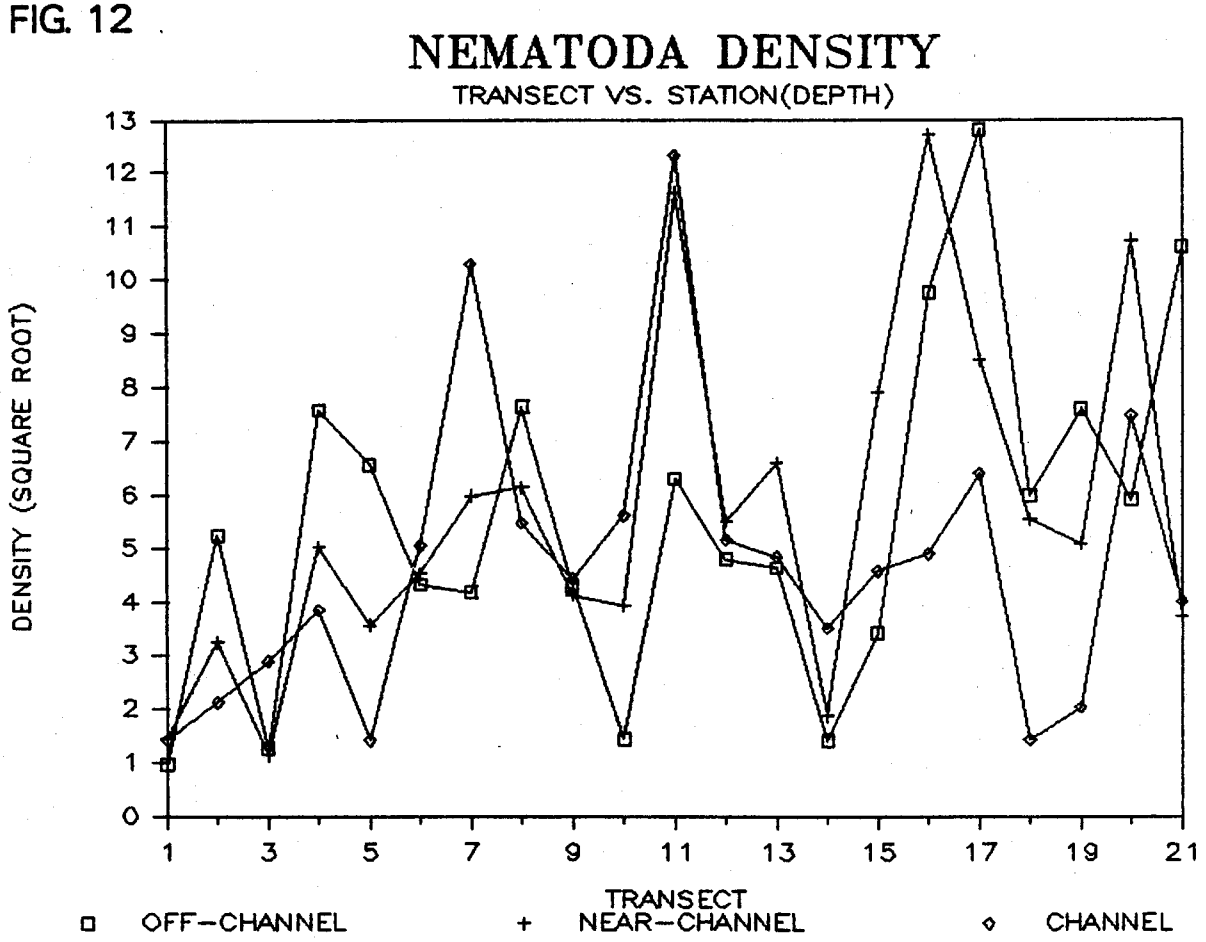

NEMATODA DENSITY
TRANSECT VS. STATION(DEPTH)
DENSITY (SQUARE ROOT)
0
1
2
3
4
5
6
7
8
9
10
11
12
13
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OFF-CHANNEL
NEAR-CHANNEL
CHANNEL

FIG. 13

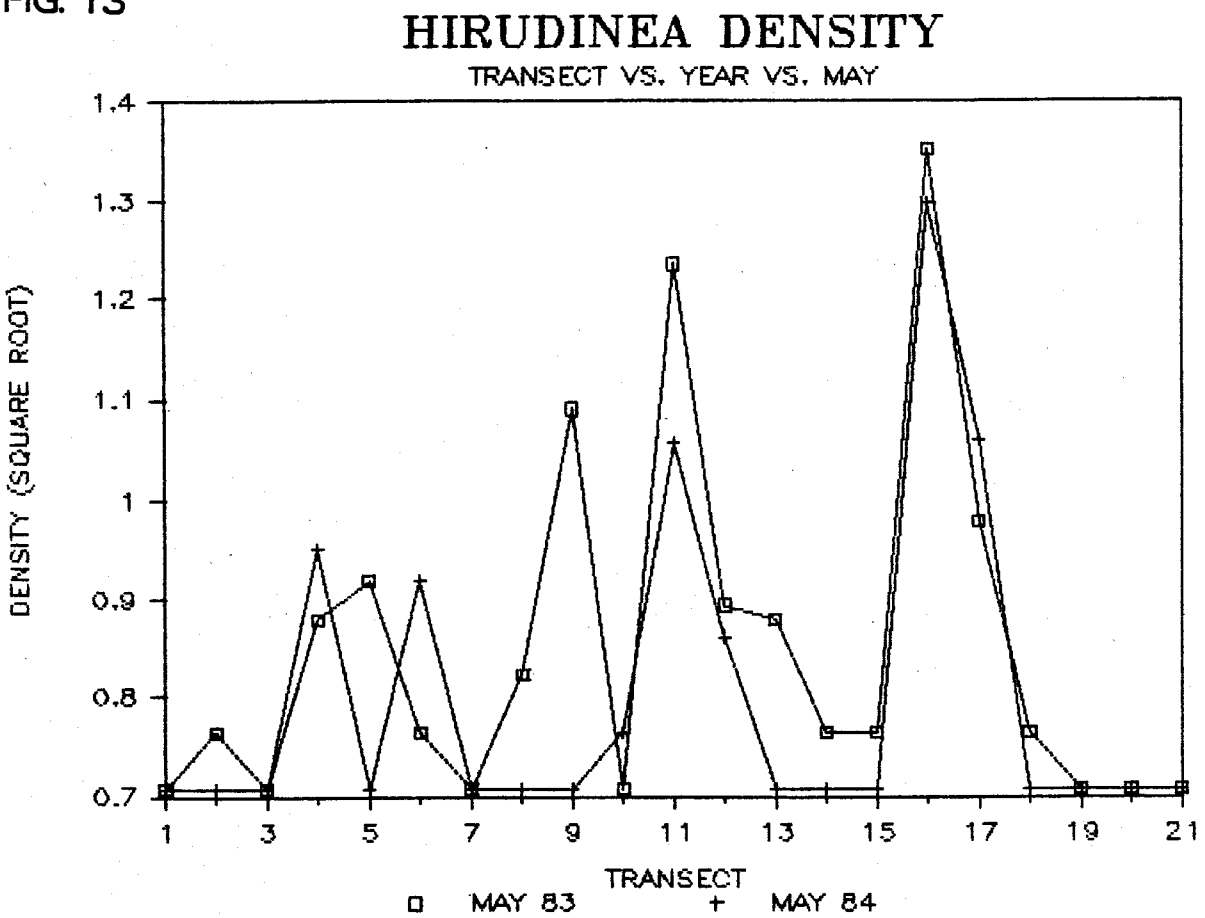

HIRUDINEA DENSITY
TRANSECT VS. YEAR VS. MAY
DENSITY (SQUARE ROOT)
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
MAY 83
MAY 84

FIG. 14

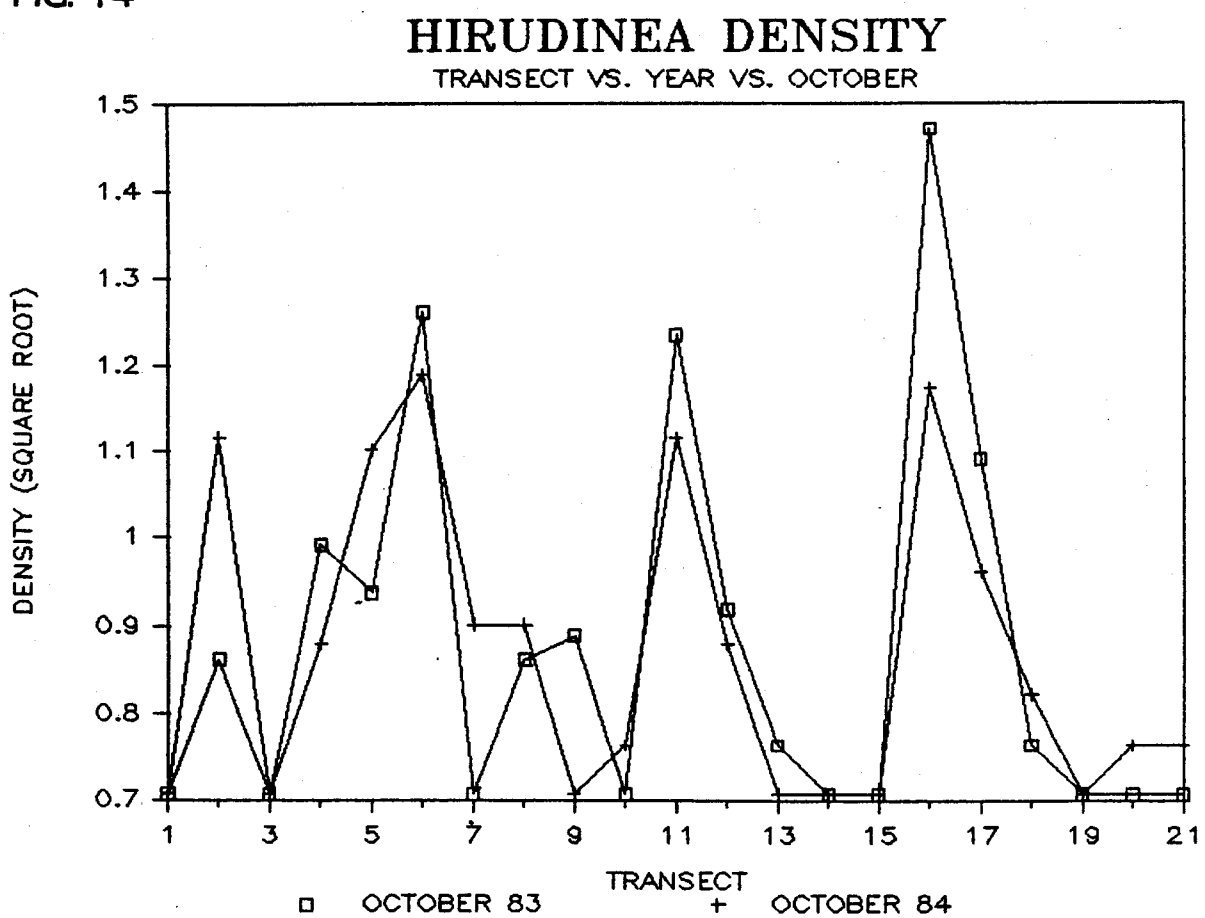

HIRUDINEA DENSITY
TRANSECT VS. YEAR VS. OCTOBER
DENSITY (SQUARE ROOT)
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OCTOBER 83
OCTOBER 84

FIG. 15

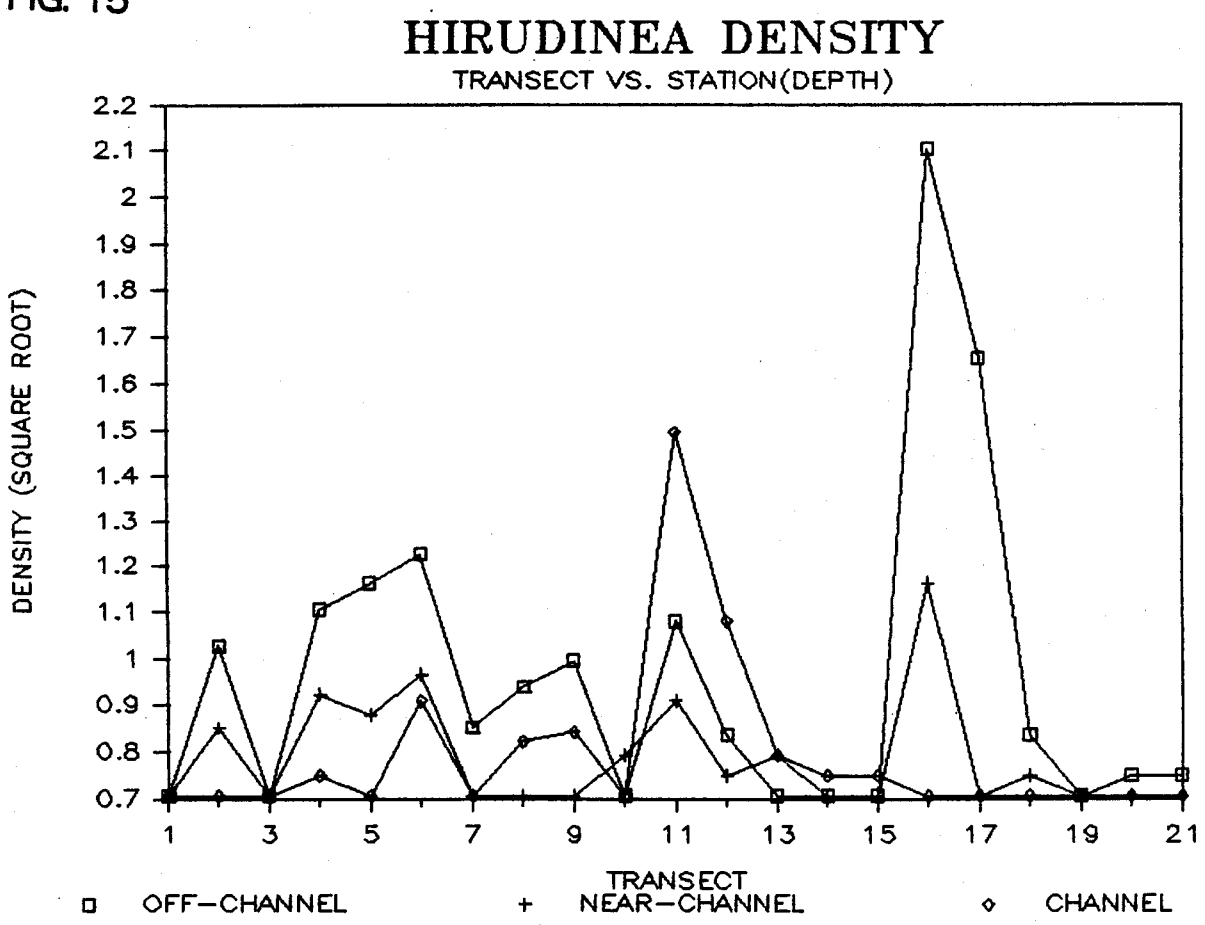

HIRUDINEA DENSITY
TRANSECT VS. STATION(DEPTH)
DENSITY (SQUARE ROOT)
2.2
2.1
2
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OFF-CHANNEL
NEAR-CHANNEL
CHANNEL

FIG. 16

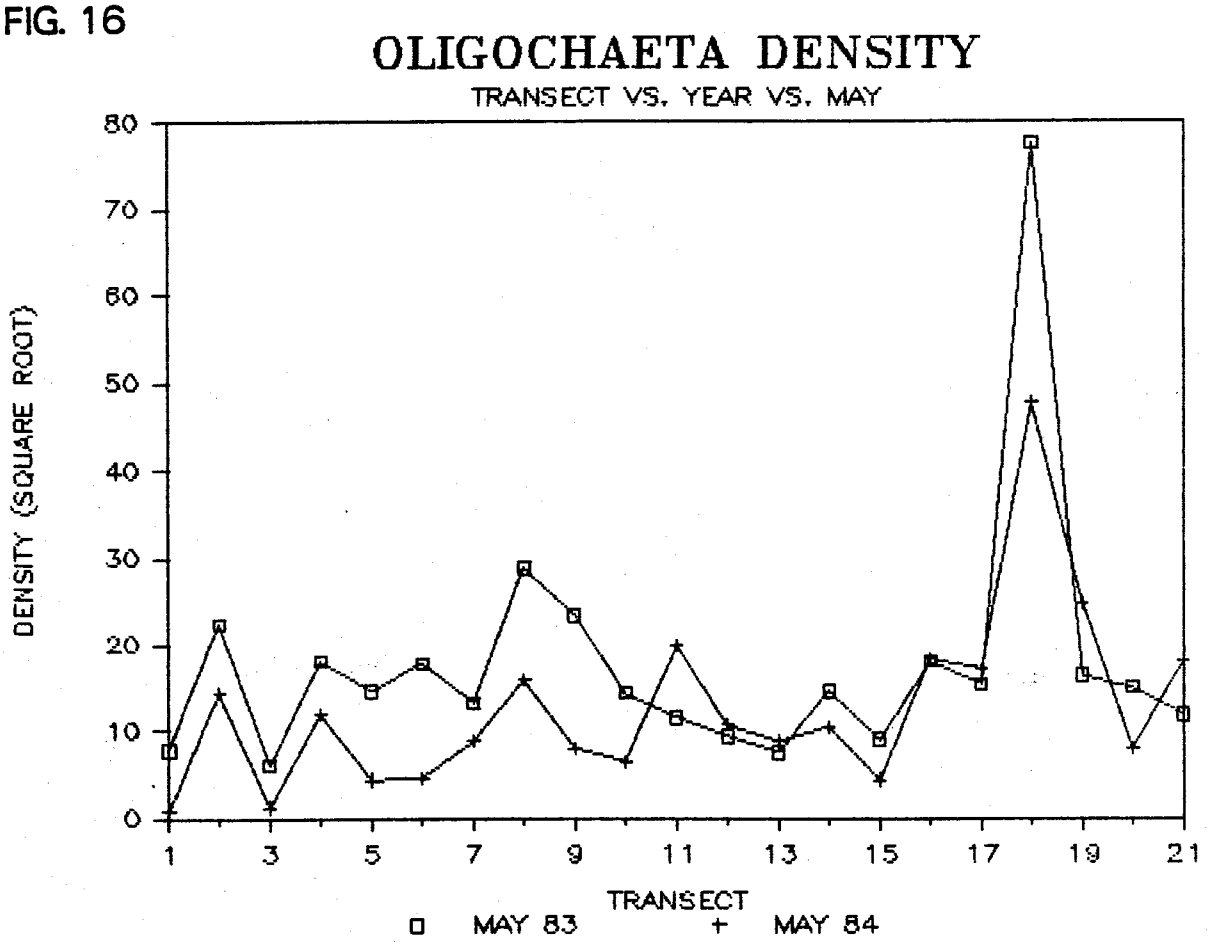

OLIGOCHAETA DENSITY
TRANSECT VS. YEAR VS. MAY
DENSITY (SQUARE ROOT)
0
10
20
30
40
50
60
70
80
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
MAY 83
MAY 84

FIG. 17

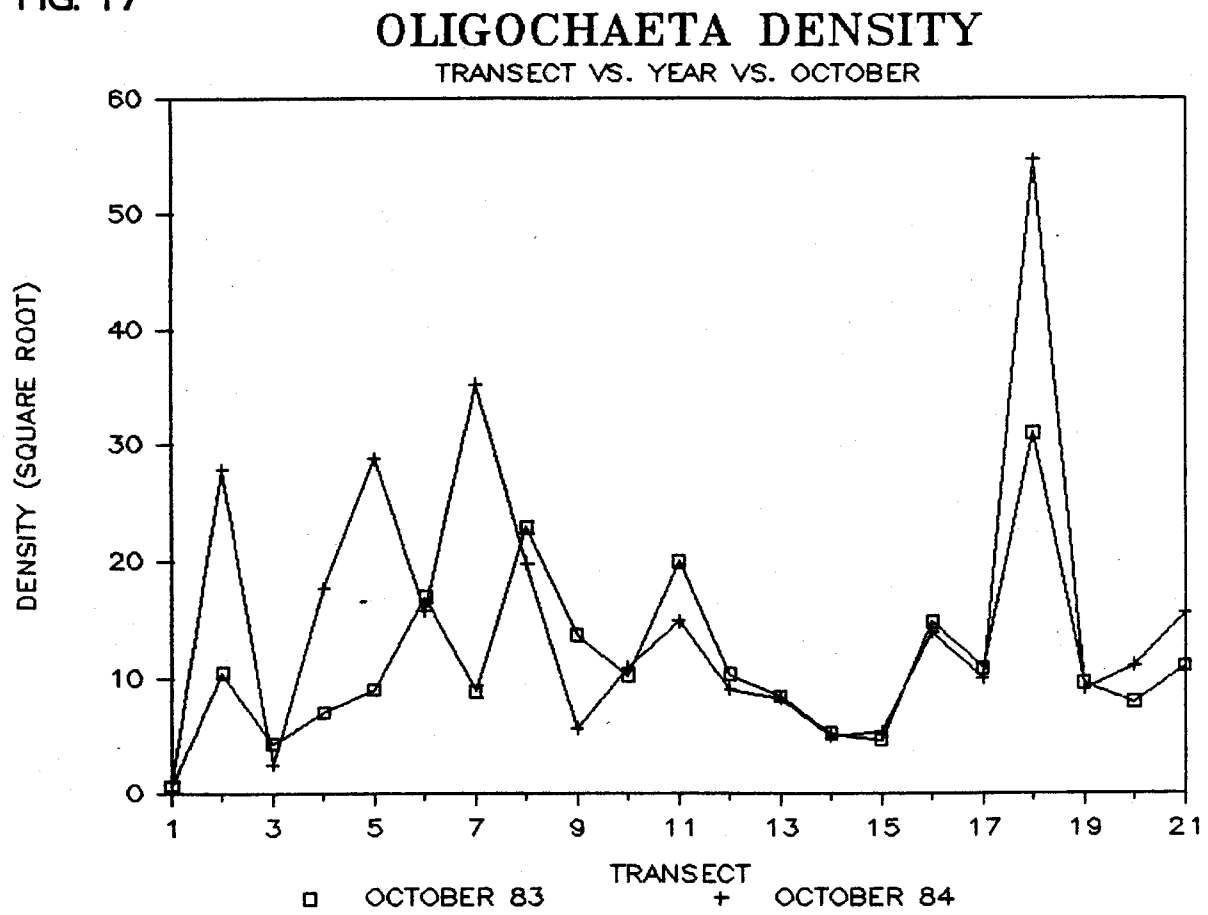

OLIGOCHAETA DENSITY
TRANSECT VS. YEAR VS. OCTOBER
DENSITY (SQUARE ROOT)
0
10
20
30
40
50
60
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OCTOBER 83
OCTOBER 84

FIG. 18

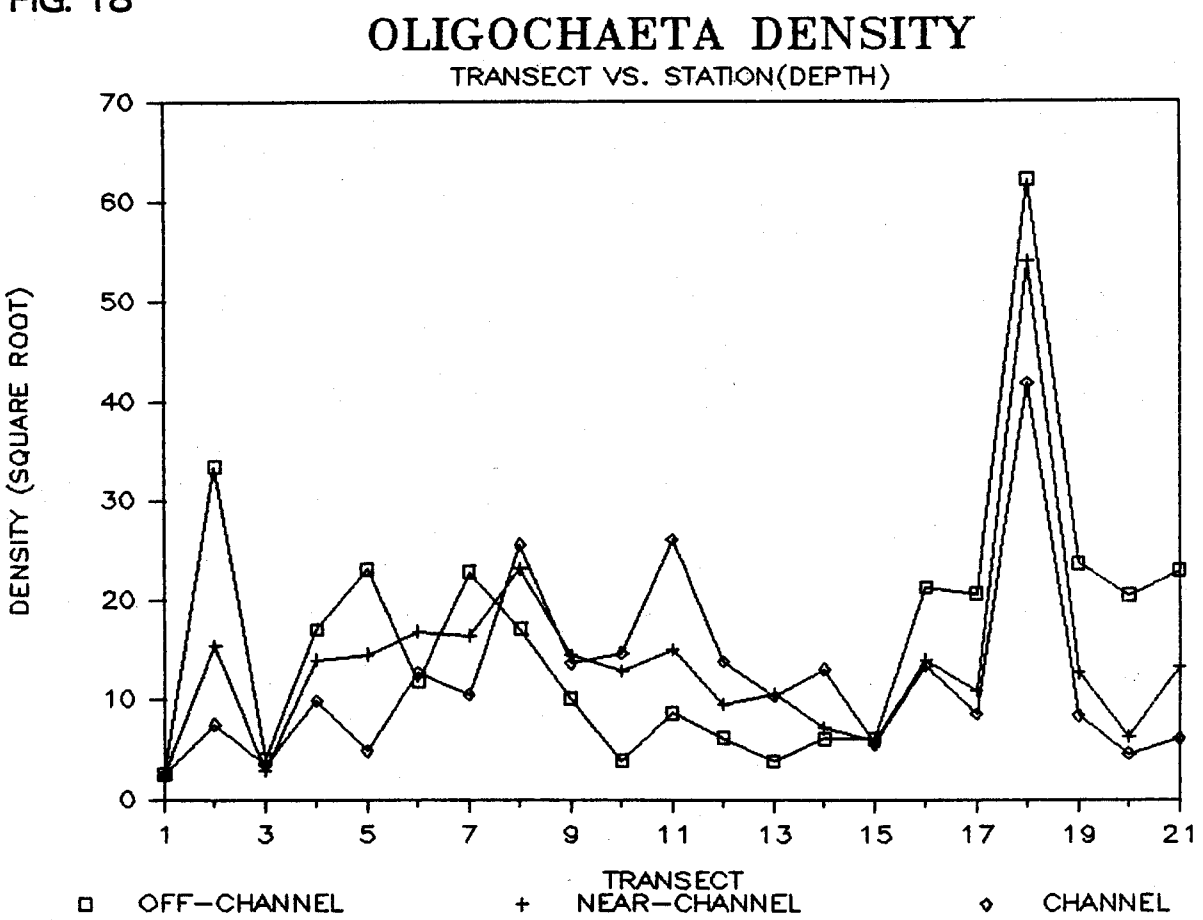

OLIGOCHAETA DENSITY
TRANSECT VS. STATION(DEPTH)
DENSITY (SQUARE ROOT)
70
60
50
40
30
20
10
0
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OFF-CHANNEL
NEAR-CHANNEL
CHANNEL

FIG. 19

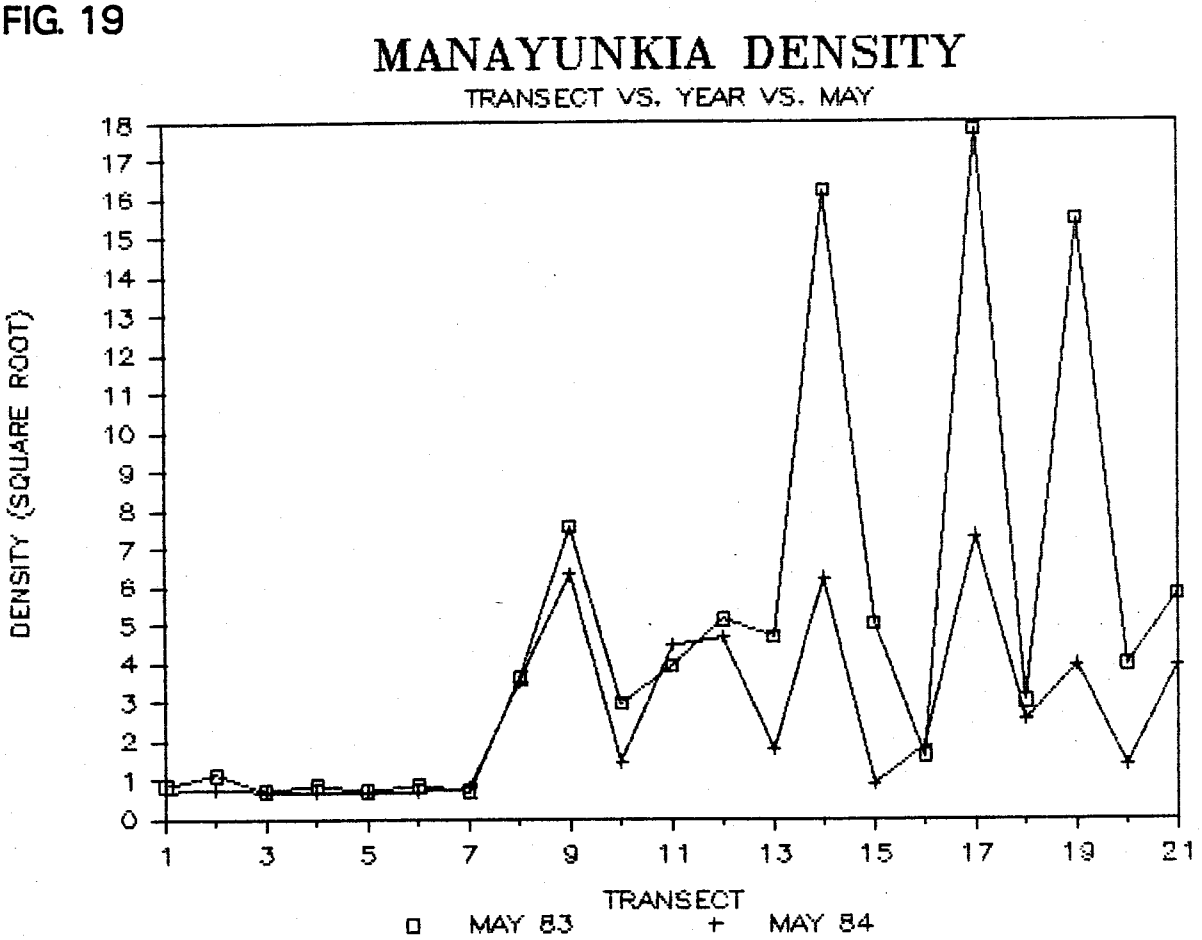

MANAYUNKIA DENSITY
TRANSECT VS. YEAR VS. MAY
DENSITY (SQUARE ROOT)
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
MAY 83
MAY 84

FIG. 20

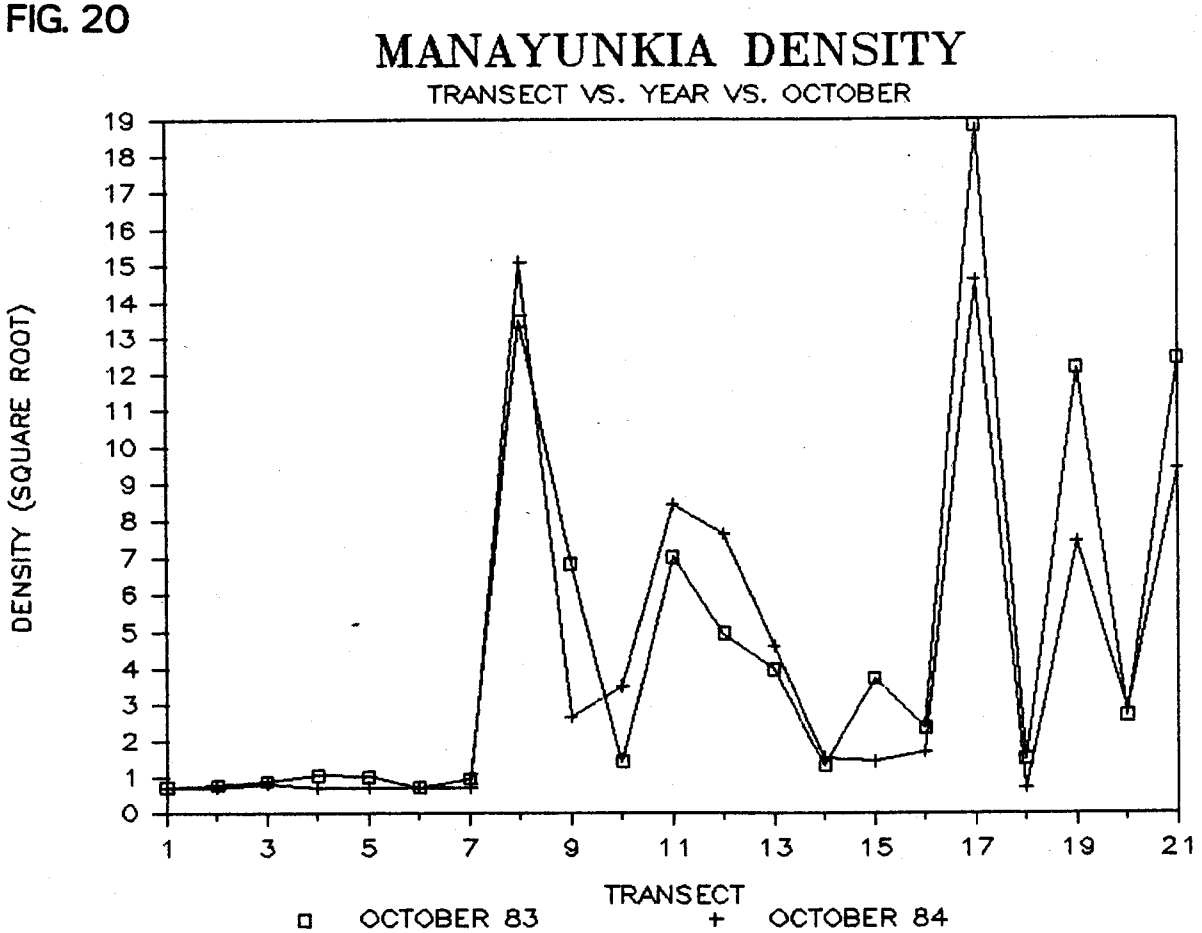

MANAYUNKIA DENSITY
TRANSECT VS. YEAR VS. OCTOBER
DENSITY (SQUARE ROOT)
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OCTOBER 83
OCTOBER 84

FIG. 21

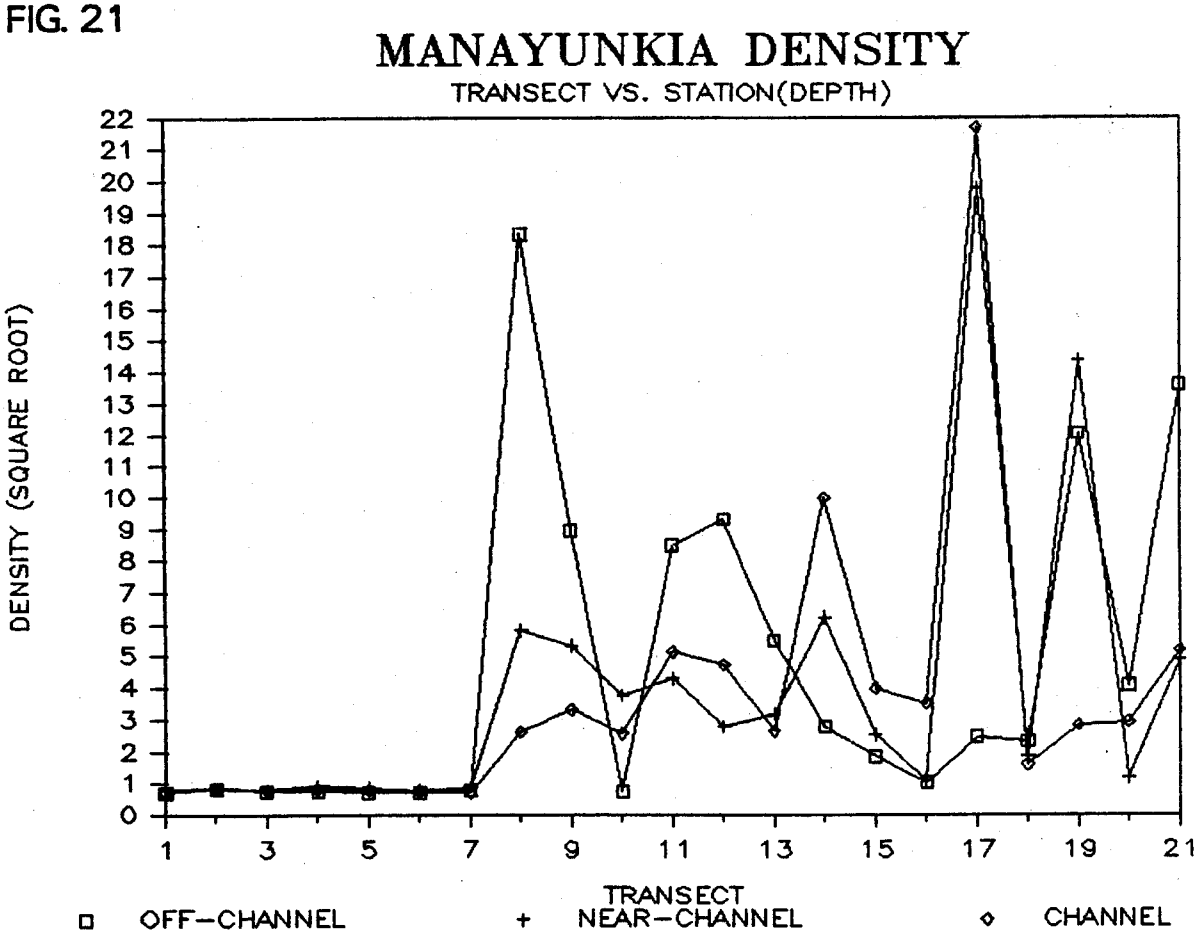

MANAYUNKIA DENSITY
TRANSECT VS. STATION(DEPTH)
DENSITY (SQUARE ROOT)
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OFF-CHANNEL
NEAR-CHANNEL
CHANNEL

FIG. 22

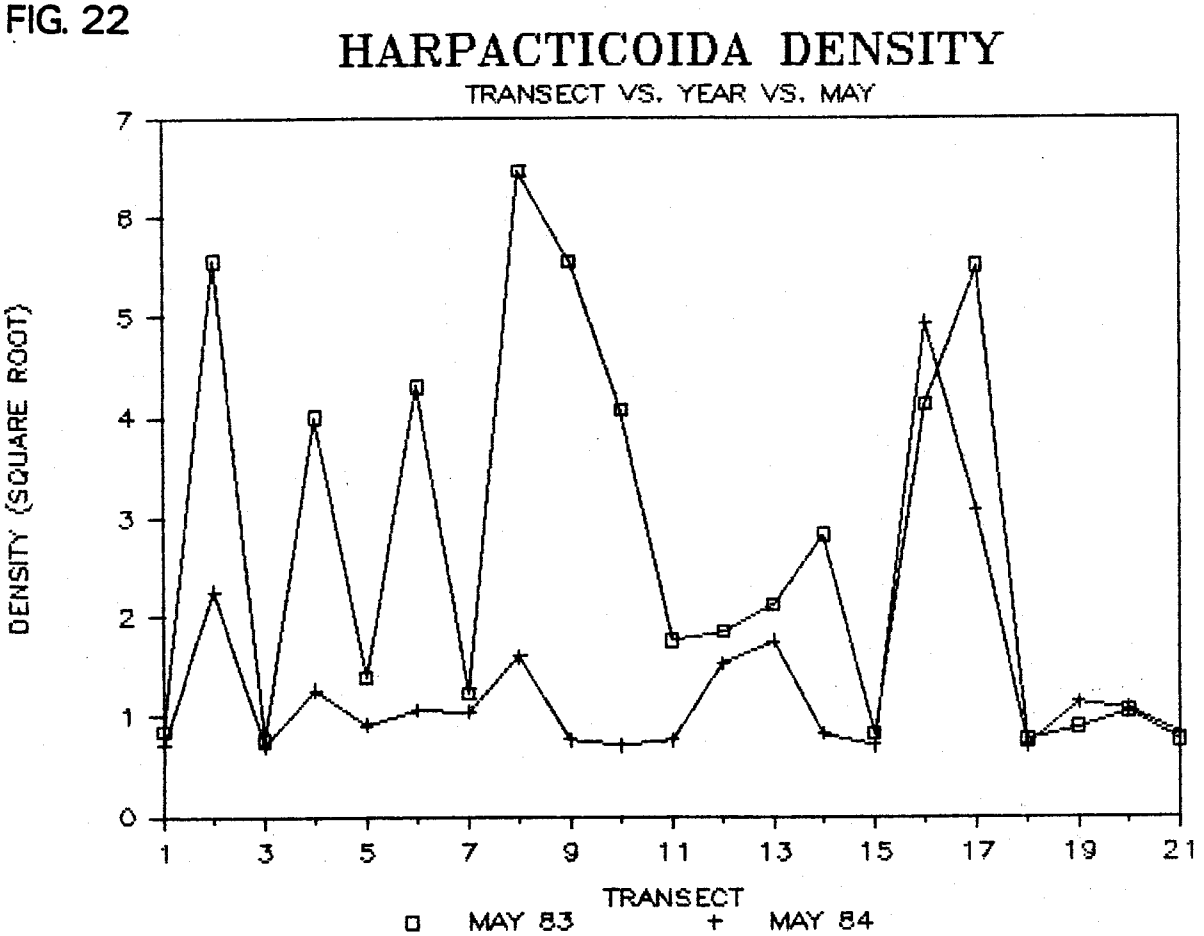

HARPACTICOIDA DENSITY
TRANSECT VS. YEAR VS. MAY
DENSITY (SQUARE ROOT)
0
1
2
3
4
5
6
7
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
MAY 83
MAY 84

FIG. 23

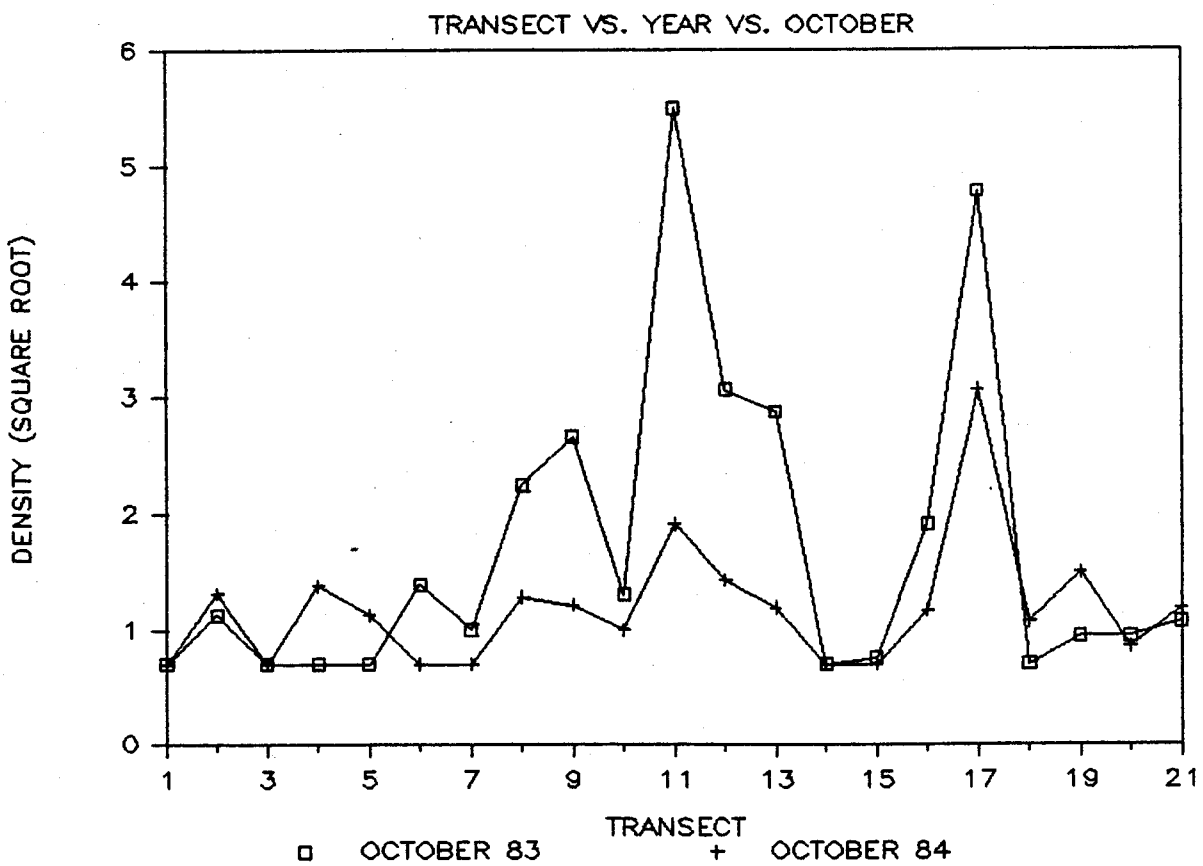

HARPACTICOIDA DENSITY
TRANSECT VS. YEAR VS. OCTOBER
DENSITY (SQUARE ROOT)
0
1
2
3
4
5
6
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OCTOBER 83
OCTOBER 84

FIG. 24

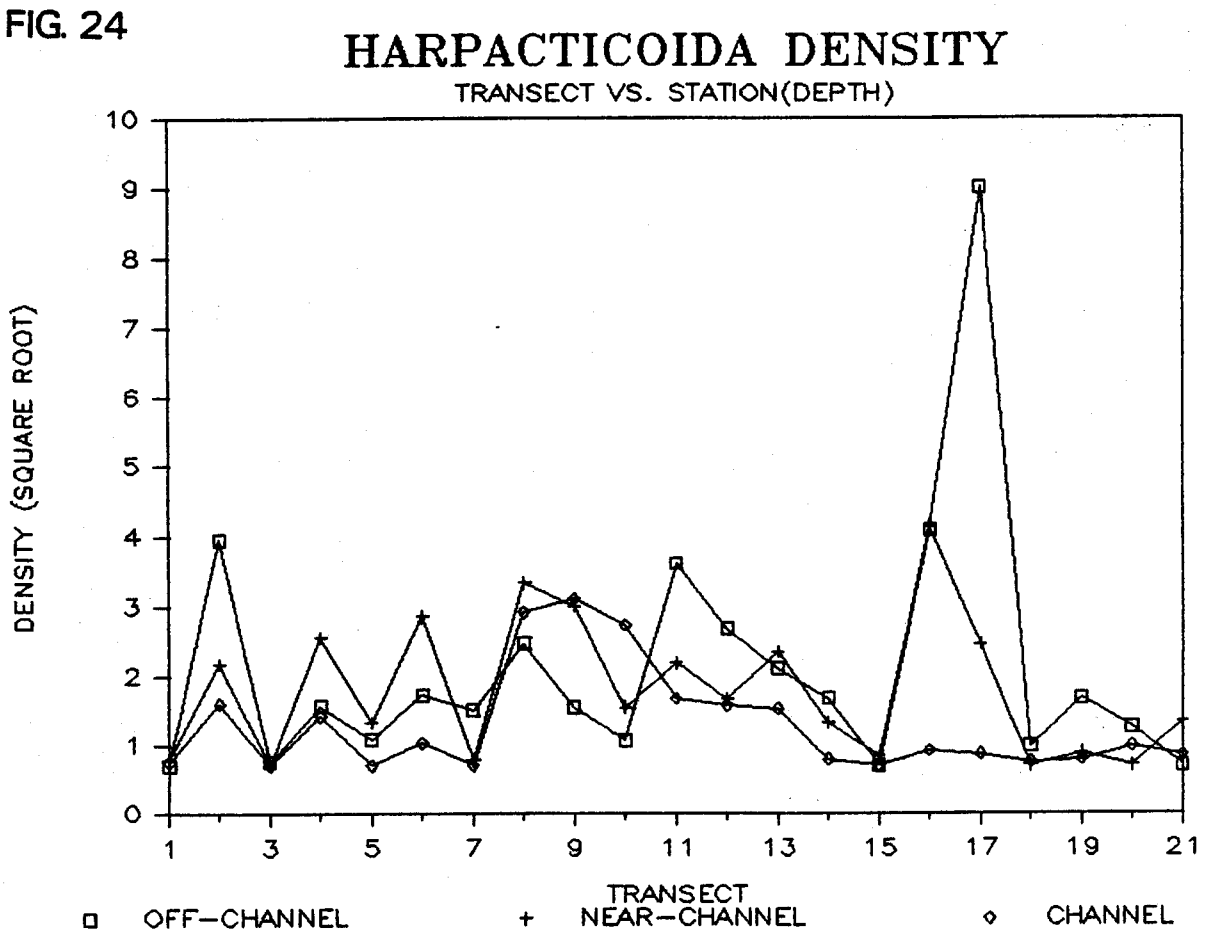

HARPACTICOIDA DENSITY
TRANSECT VS. STATION(DEPTH)
DENSITY (SQUARE ROOT)
0
1
2
3
4
5
6
7
8
9
10
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OFF-CHANNEL
NEAR-CHANNEL
CHANNEL

FIG. 25

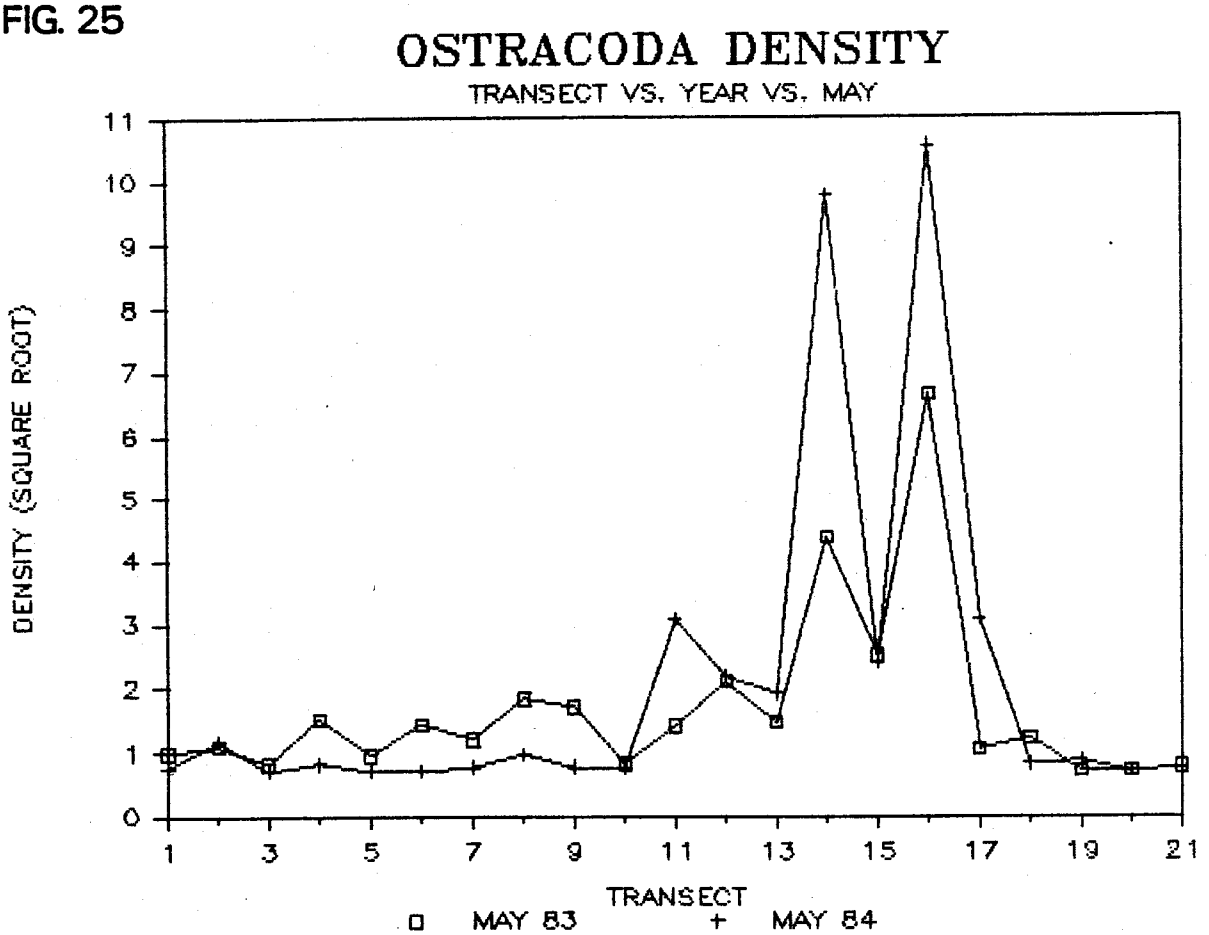

OSTRACODA DENSITY
TRANSECT VS. YEAR VS. MAY
DENSITY (SQUARE ROOT)
0
1
2
3
4
5
6
7
8
9
10
11
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
MAY 83
MAY 84

FIG. 26

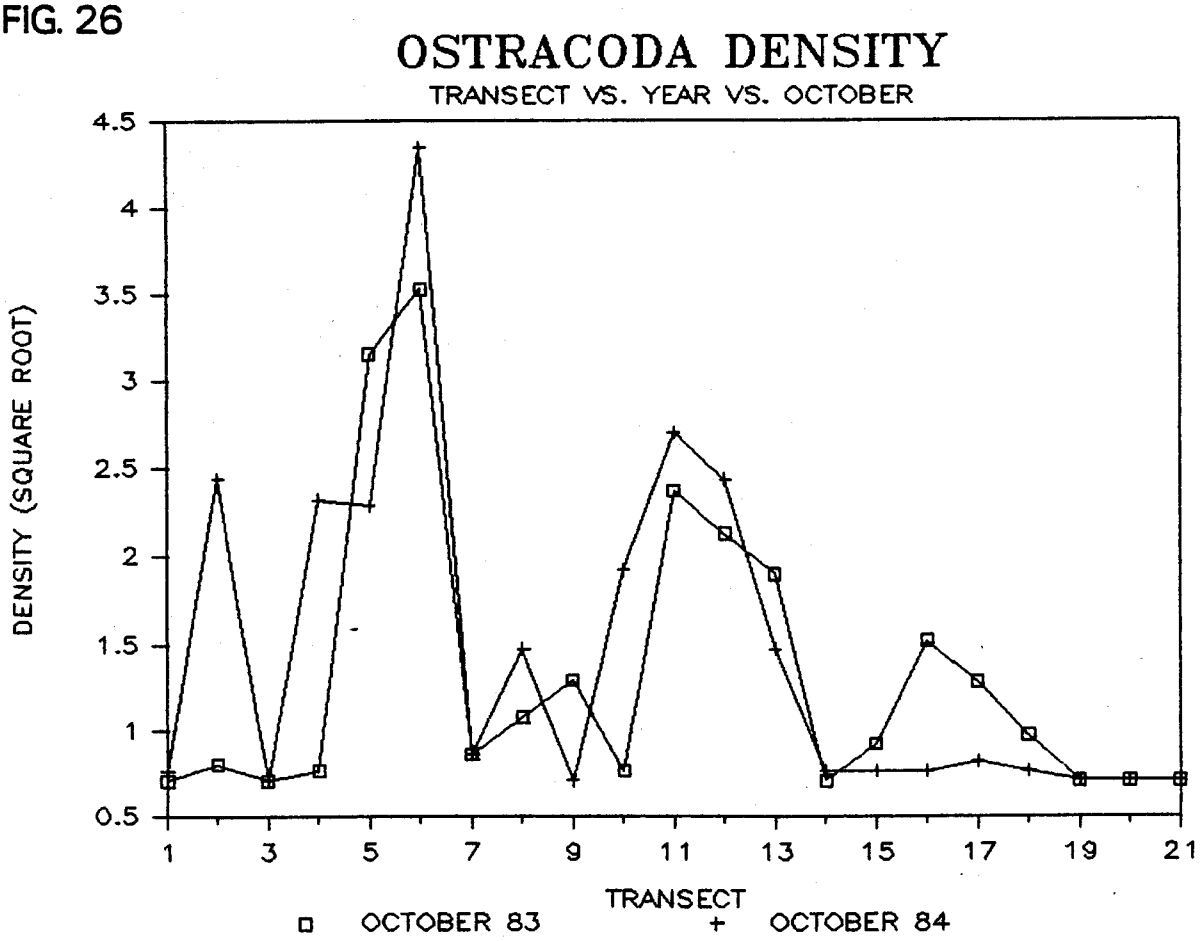

OSTRACODA DENSITY
TRANSECT VS. YEAR VS. OCTOBER
DENSITY (SQUARE ROOT)
0.5
1
1.5
2
2.5
3
3.5
4
4.5
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OCTOBER 83
OCTOBER 84

FIG. 27

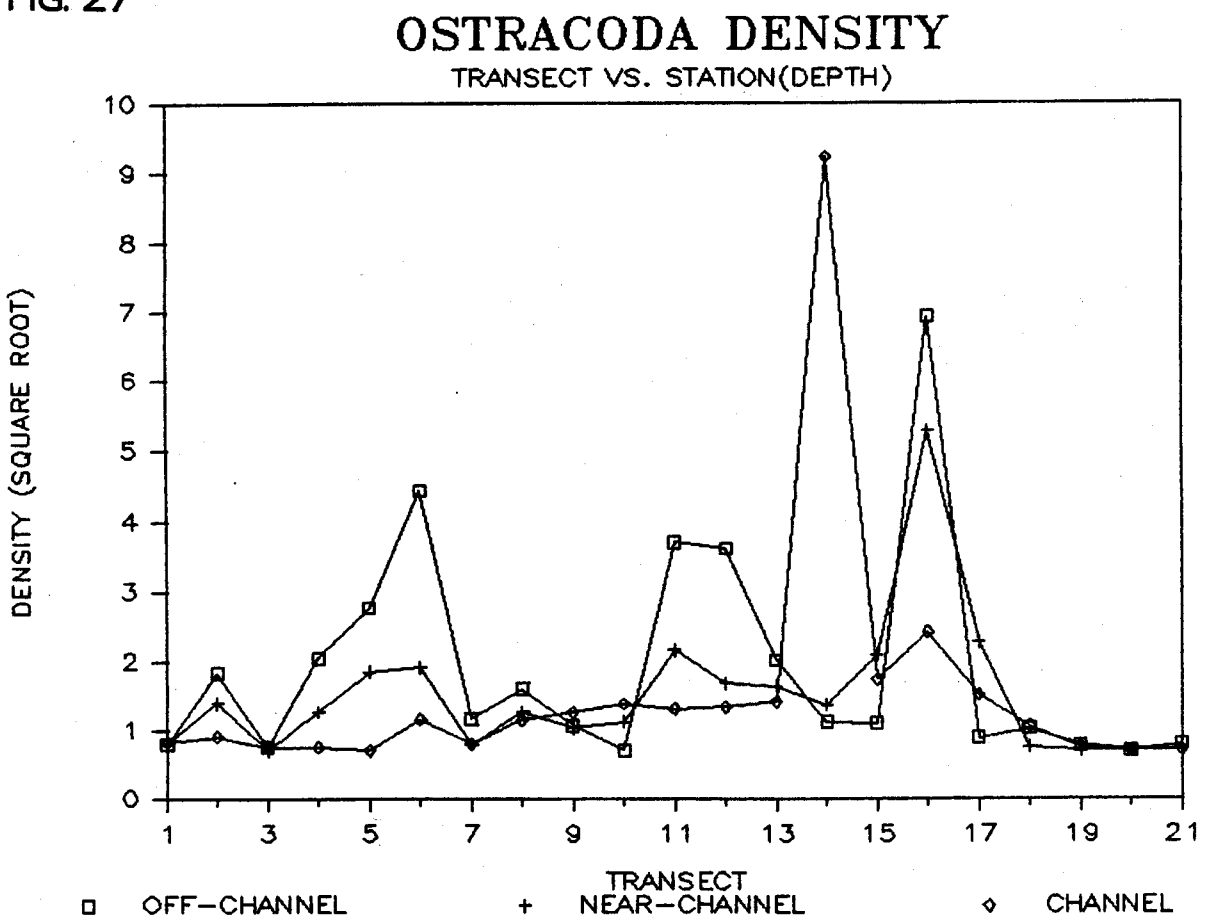

OSTRACODA DENSITY
TRANSECT VS. STATION(DEPTH)
DENSITY (SQUARE ROOT)
0
1
2
3
4
5
6
7
8
9
10
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OFF-CHANNEL
NEAR-CHANNEL
CHANNEL

FIG. 28

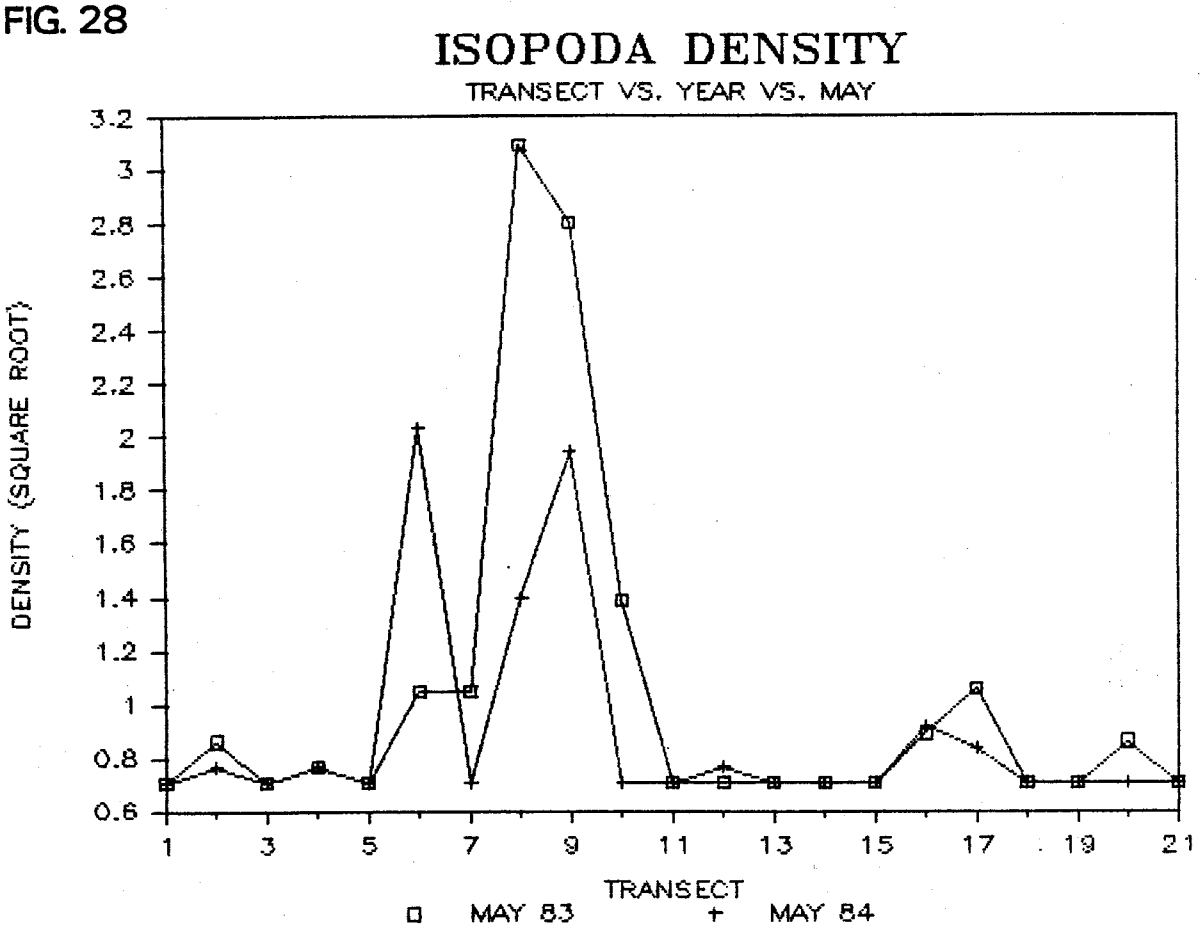

ISOPODA DENSITY
TRANSECT VS. YEAR VS. MAY
DENSITY (SQUARE ROOT)
3.2
3
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
MAY 83
MAY 84

FIG. 29

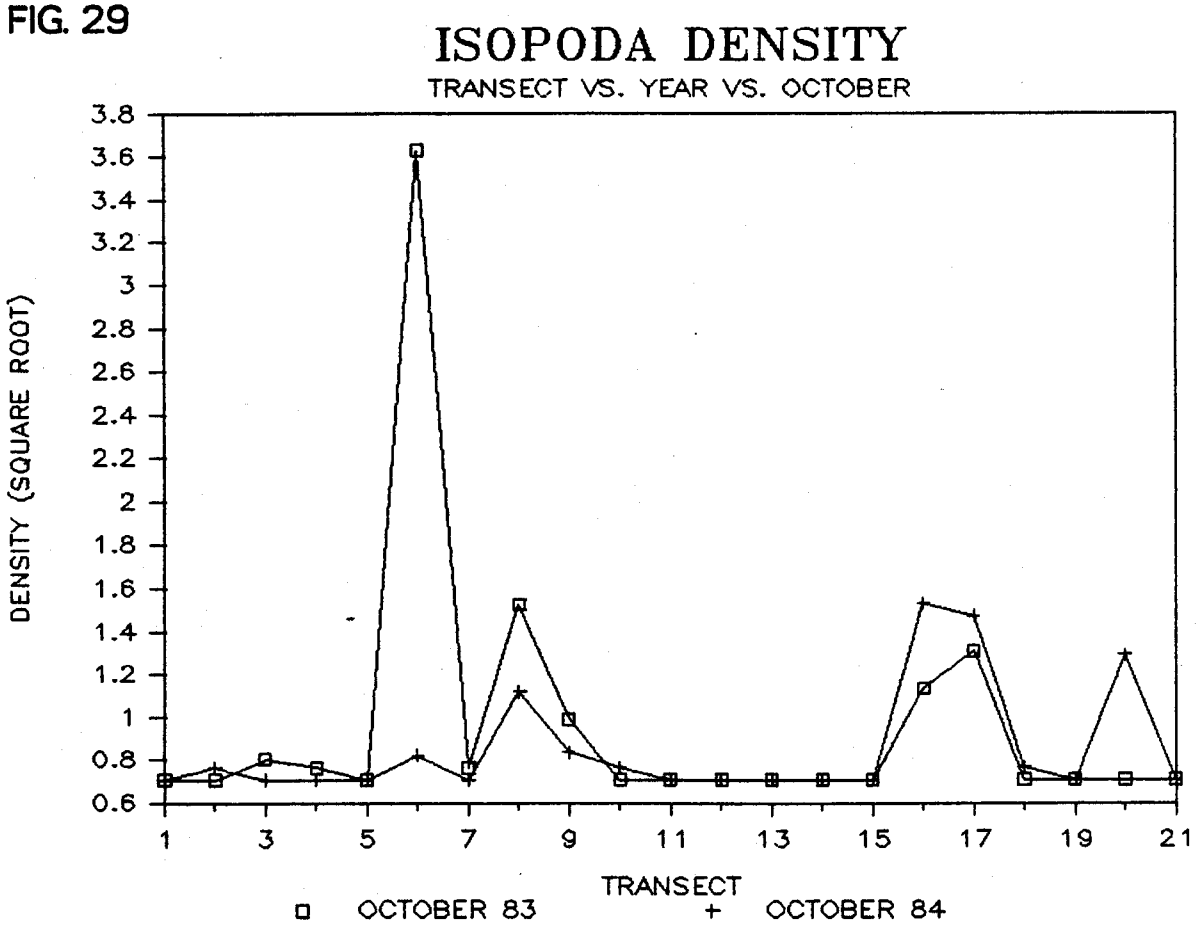

ISOPODA DENSITY
TRANSECT VS. YEAR VS. OCTOBER
DENSITY (SQUARE ROOT)
3.8
3.6
3.4
3.2
3
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OCTOBER 83
OCTOBER 84

FIG. 30

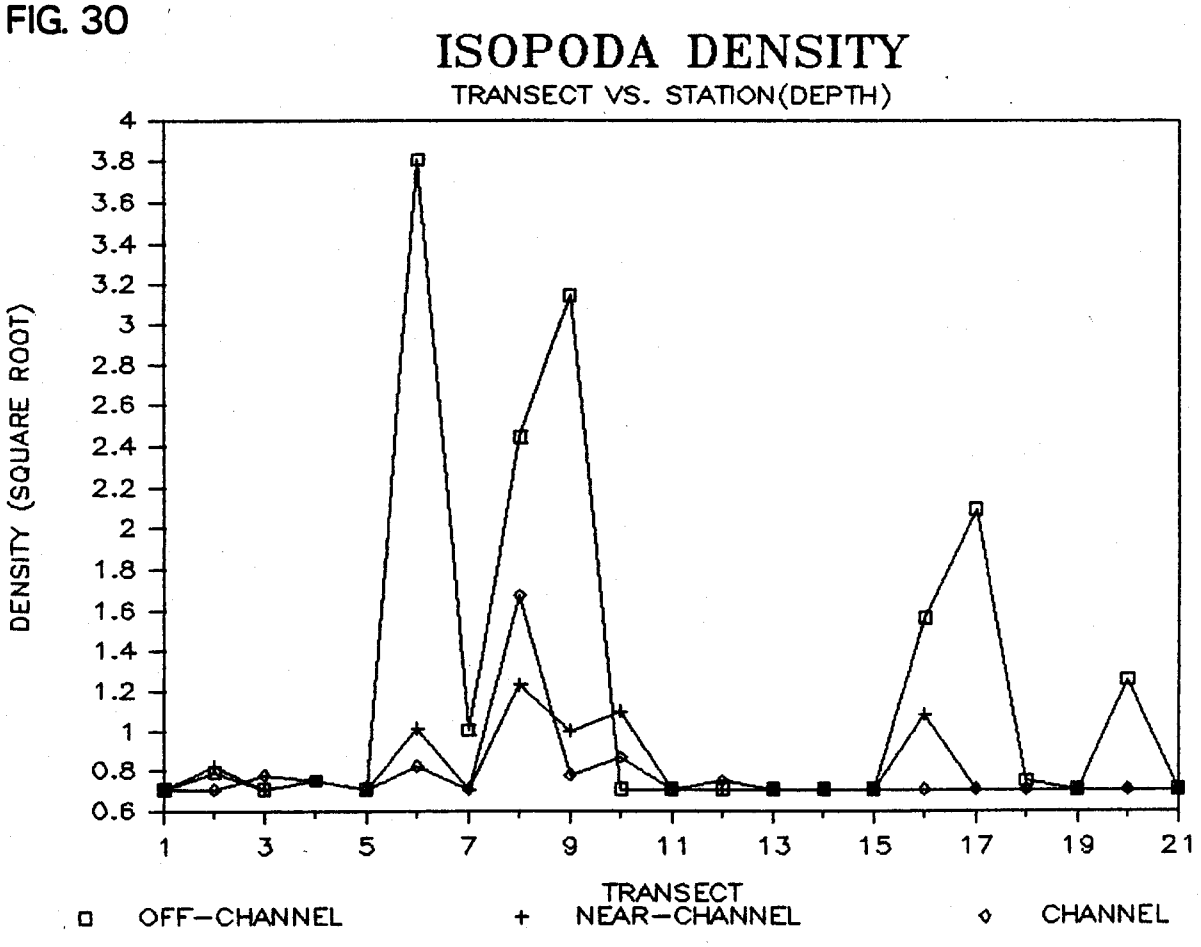

ISOPODA DENSITY
TRANSECT VS. STATION(DEPTH)
DENSITY (SQUARE ROOT)
4
3.8
3.6
3.4
3.2
3
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OFF-CHANNEL
NEAR-CHANNEL
CHANNEL

FIG. 31

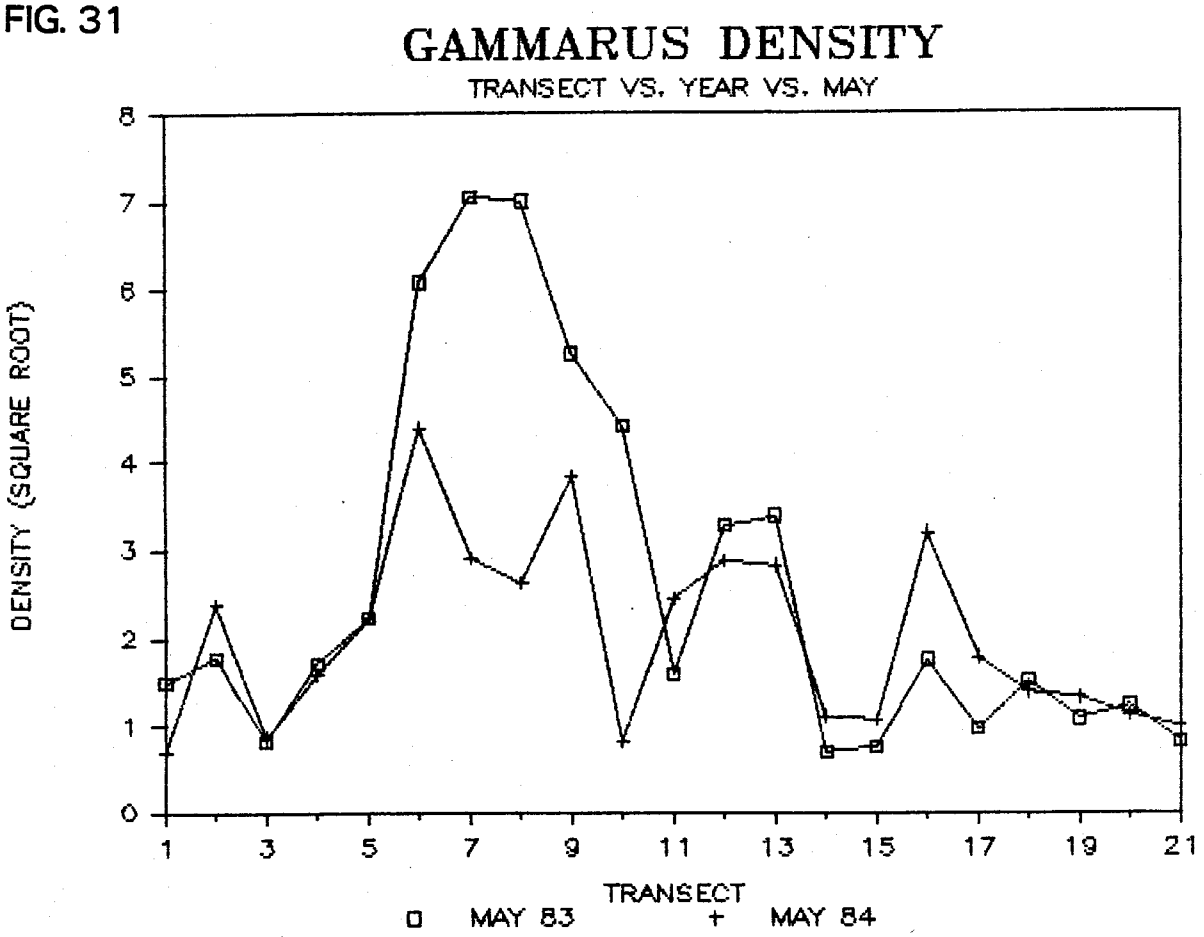

GAMMARUS DENSITY
TRANSECT VS. YEAR VS. MAY
DENSITY (SQUARE ROOT)
0
1
2
3
4
5
6
7
8
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
MAY 83
MAY 84

FIG. 32

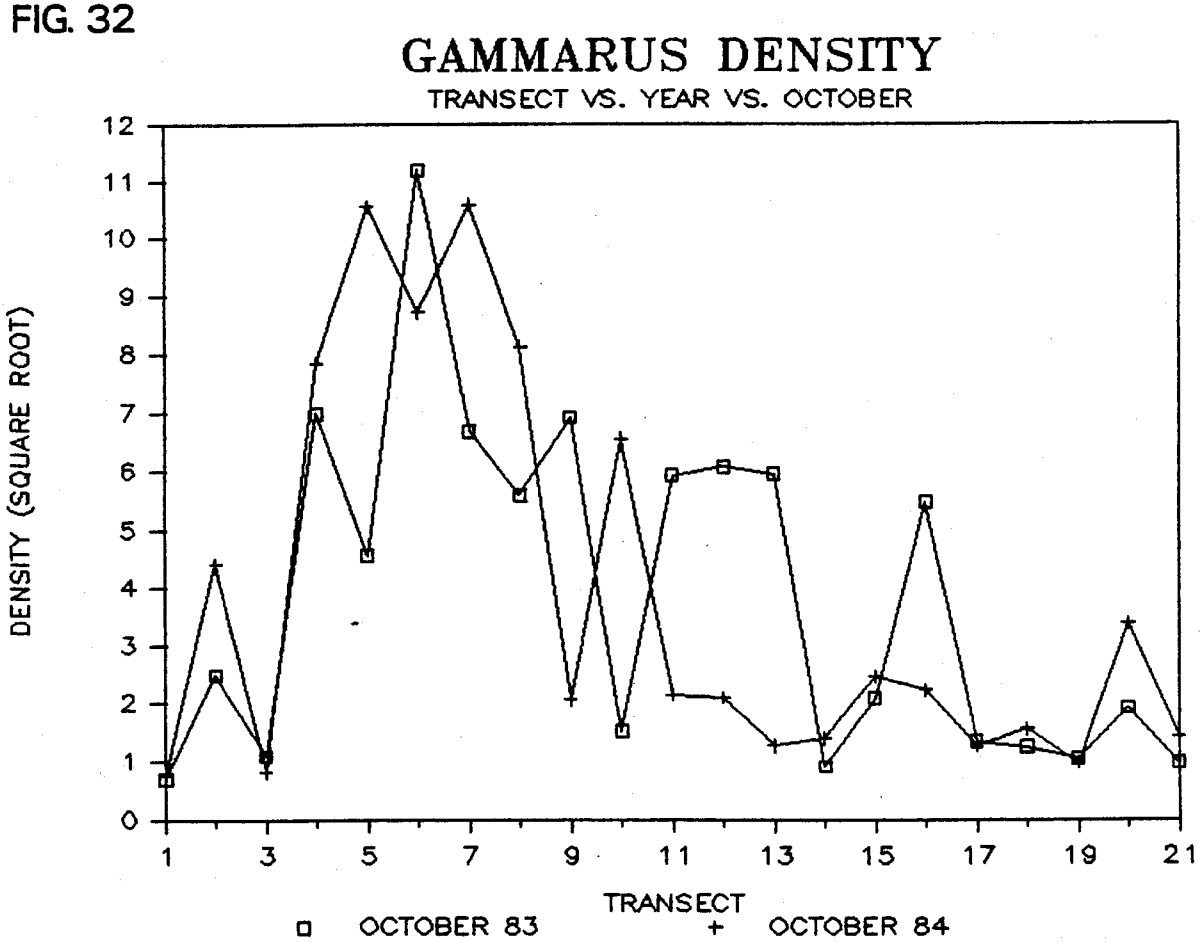

GAMMARUS DENSITY
TRANSECT VS. YEAR VS. OCTOBER
DENSITY (SQUARE ROOT)
0
1
2
3
4
5
6
7
8
9
10
11
12
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OCTOBER 83
OCTOBER 84

FIG. 33

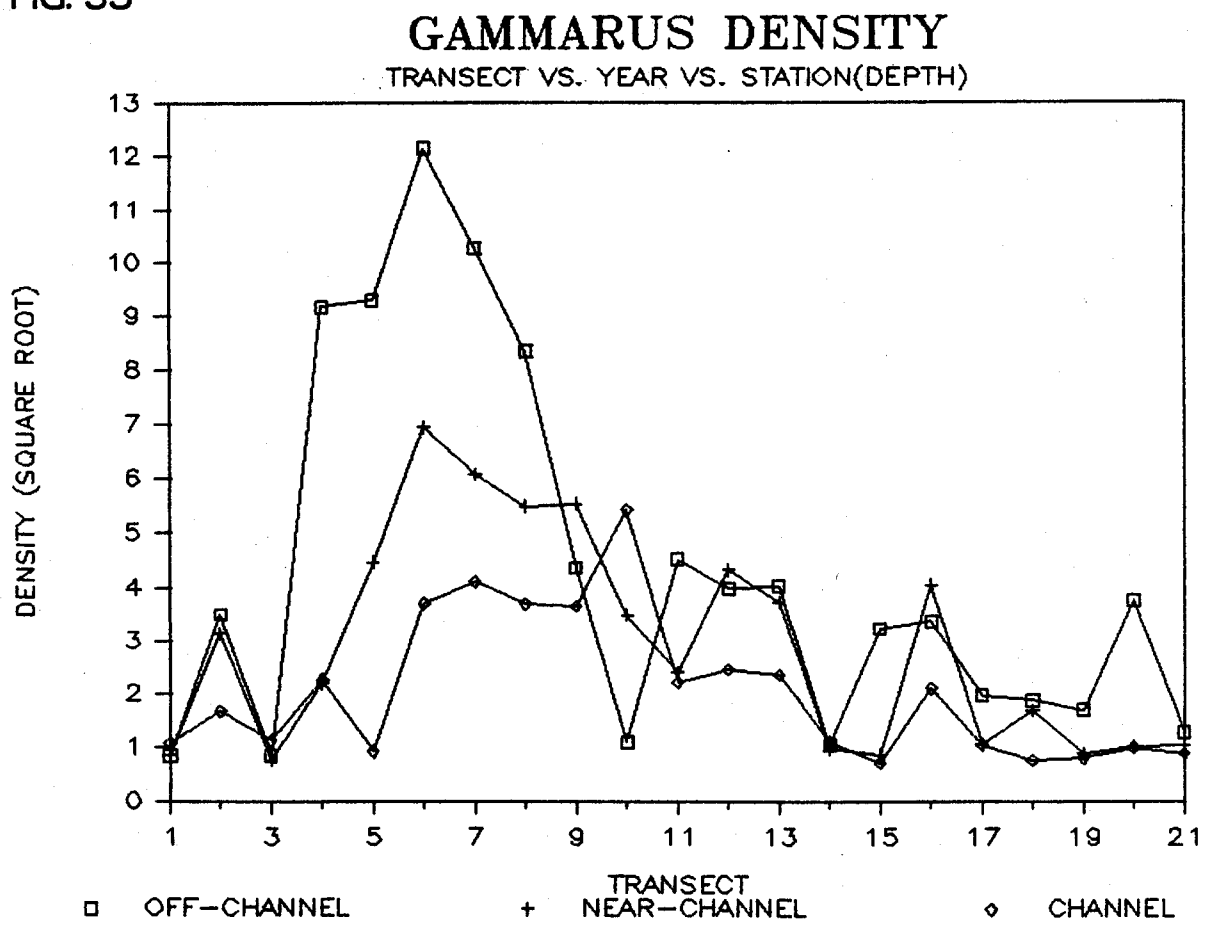

GAMMARUS DENSITY
TRANSECT VS. YEAR VS. STATION(DEPTH)
DENSITY (SQUARE ROOT)
0
1
2
3
4
5
6
7
8
9
10
11
12
13
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OFF-CHANNEL
NEAR-CHANNEL
CHANNEL

FIG. 34

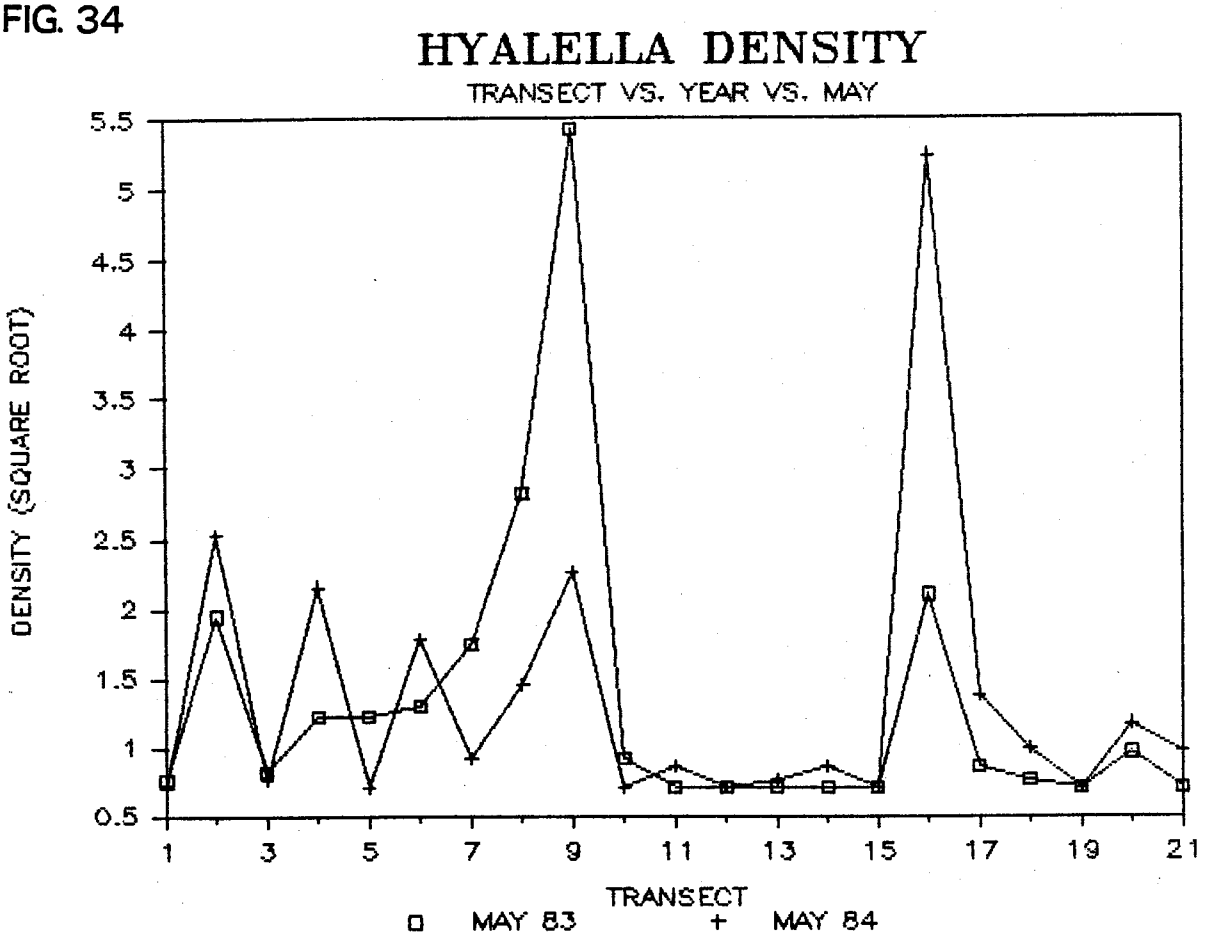

HYALELLA DENSITY
TRANSECT VS. YEAR VS. MAY
DENSITY (SQUARE ROOT)
5.5
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
MAY 83
MAY 84

FIG. 35

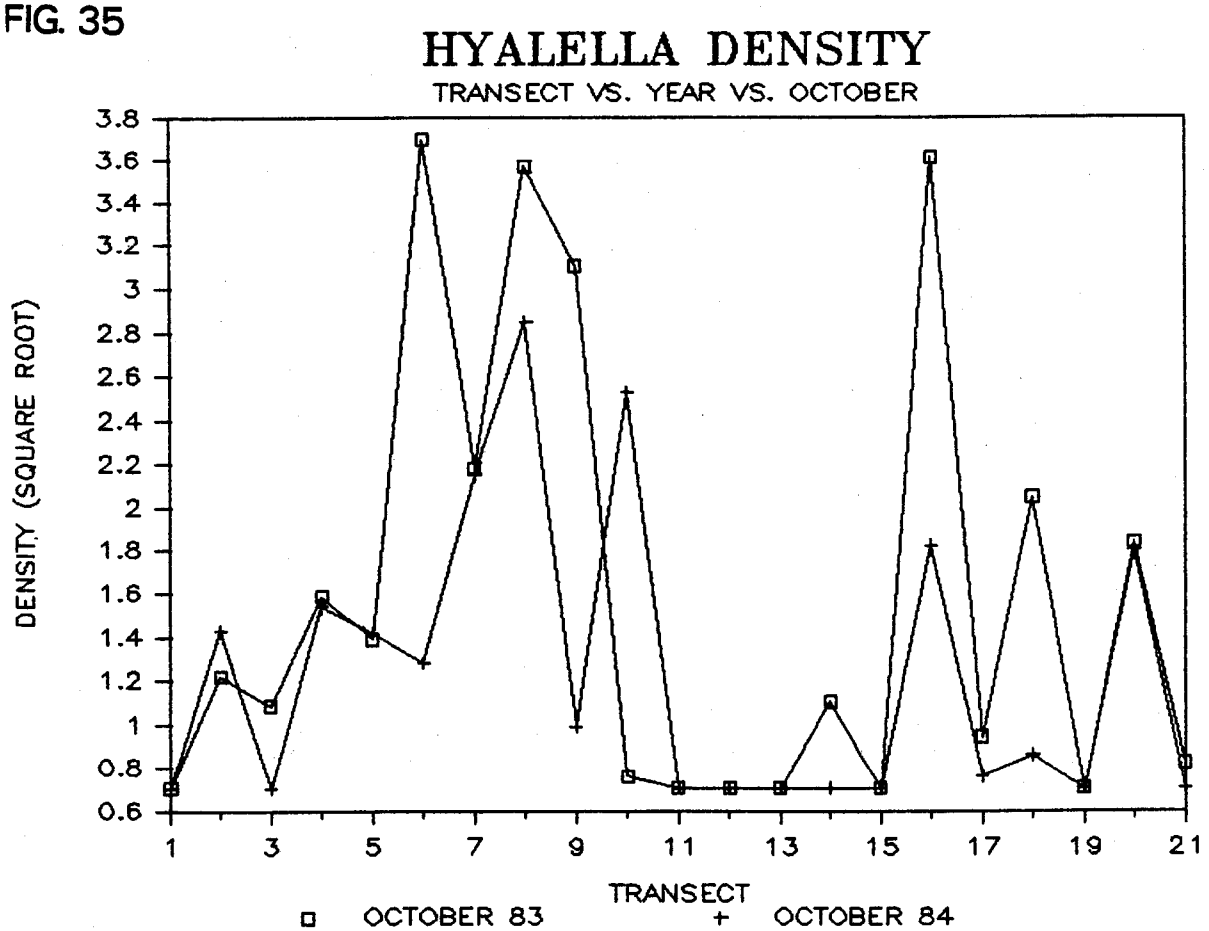

HYALELLA DENSITY
TRANSECT VS. YEAR VS. OCTOBER
DENSITY (SQUARE ROOT)
3.8
3.6
3.4
3.2
3
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OCTOBER 83
OCTOBER 84

FIG. 36

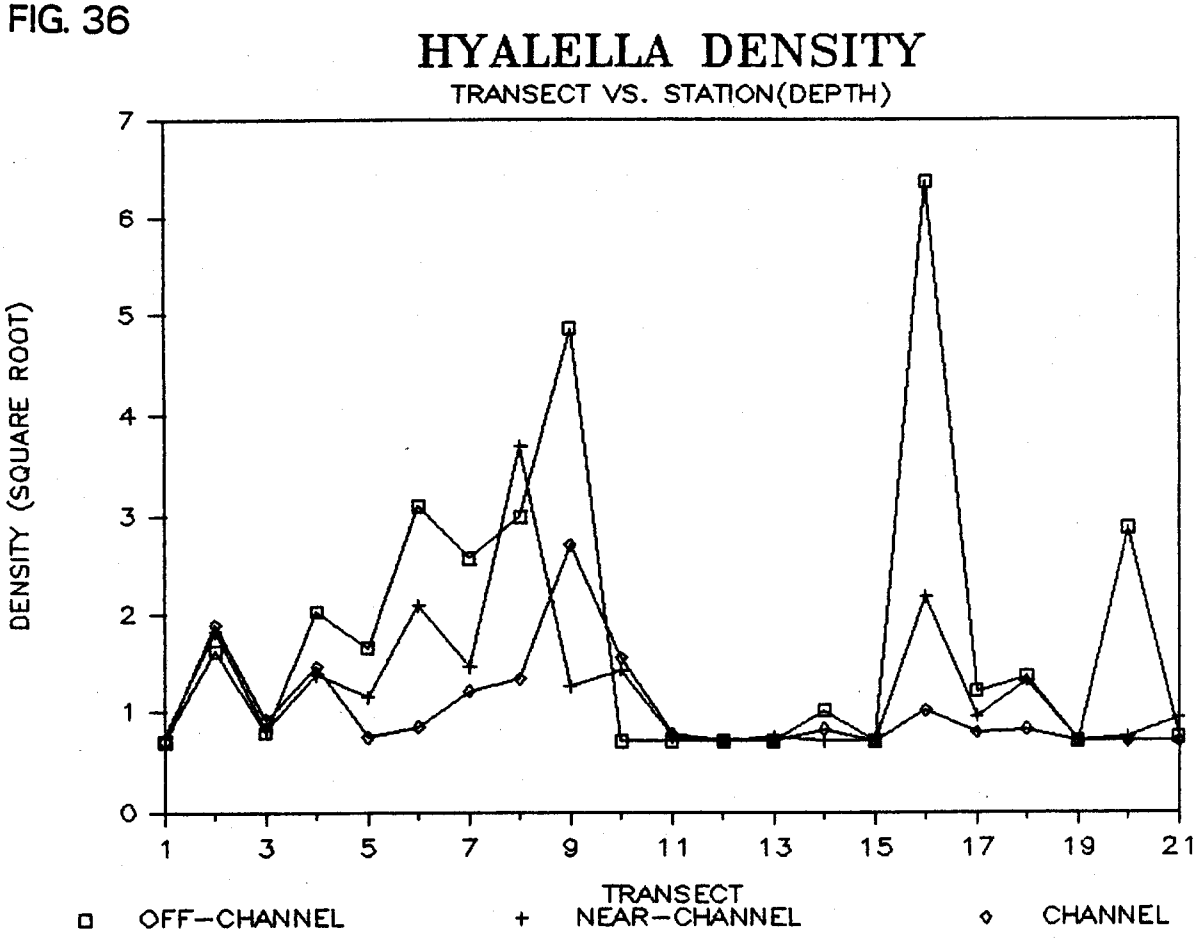

HYALELLA DENSITY
TRANSECT VS. STATION(DEPTH)
DENSITY (SQUARE ROOT)
0
1
2
3
4
5
6
7
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OFF-CHANNEL
NEAR-CHANNEL
CHANNEL

FIG. 37

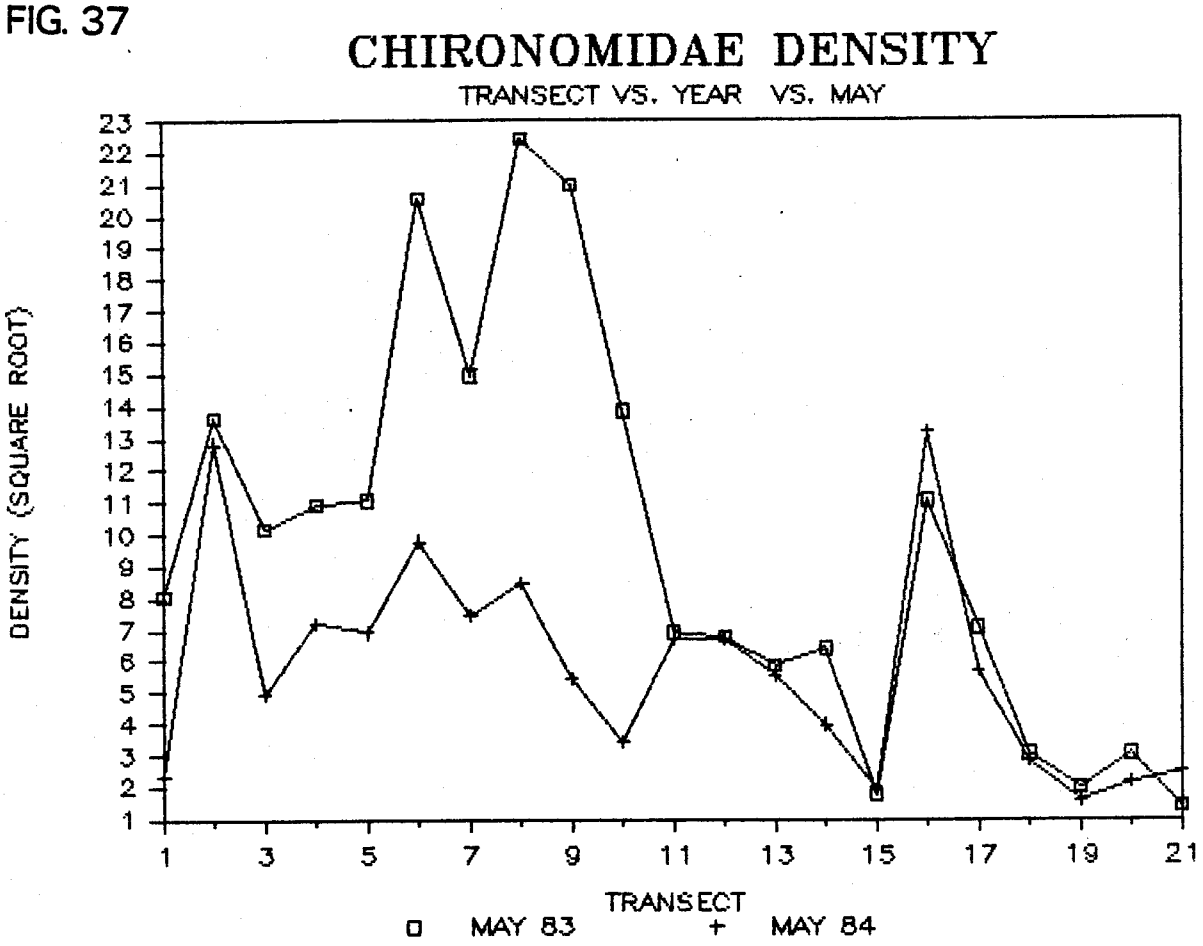

CHIRONOMIDAE DENSITY
TRANSECT VS. YEAR VS. MAY
DENSITY (SQUARE ROOT)
TRANSECT
MAY 83
MAY 84

FIG. 38

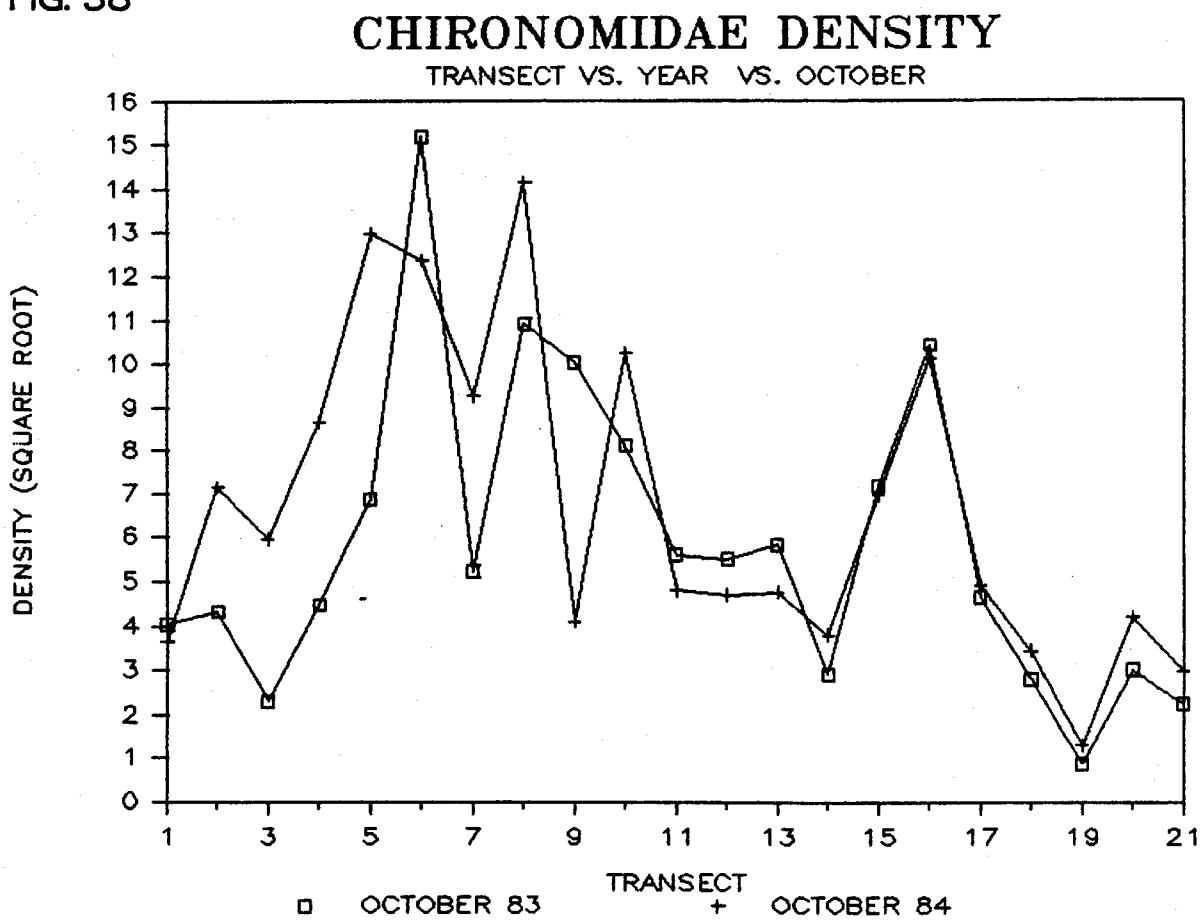

CHIRONOMIDAE DENSITY
TRANSECT VS. YEAR VS. OCTOBER
DENSITY (SQUARE ROOT)
TRANSECT
OCTOBER 83
OCTOBER 84

FIG. 39

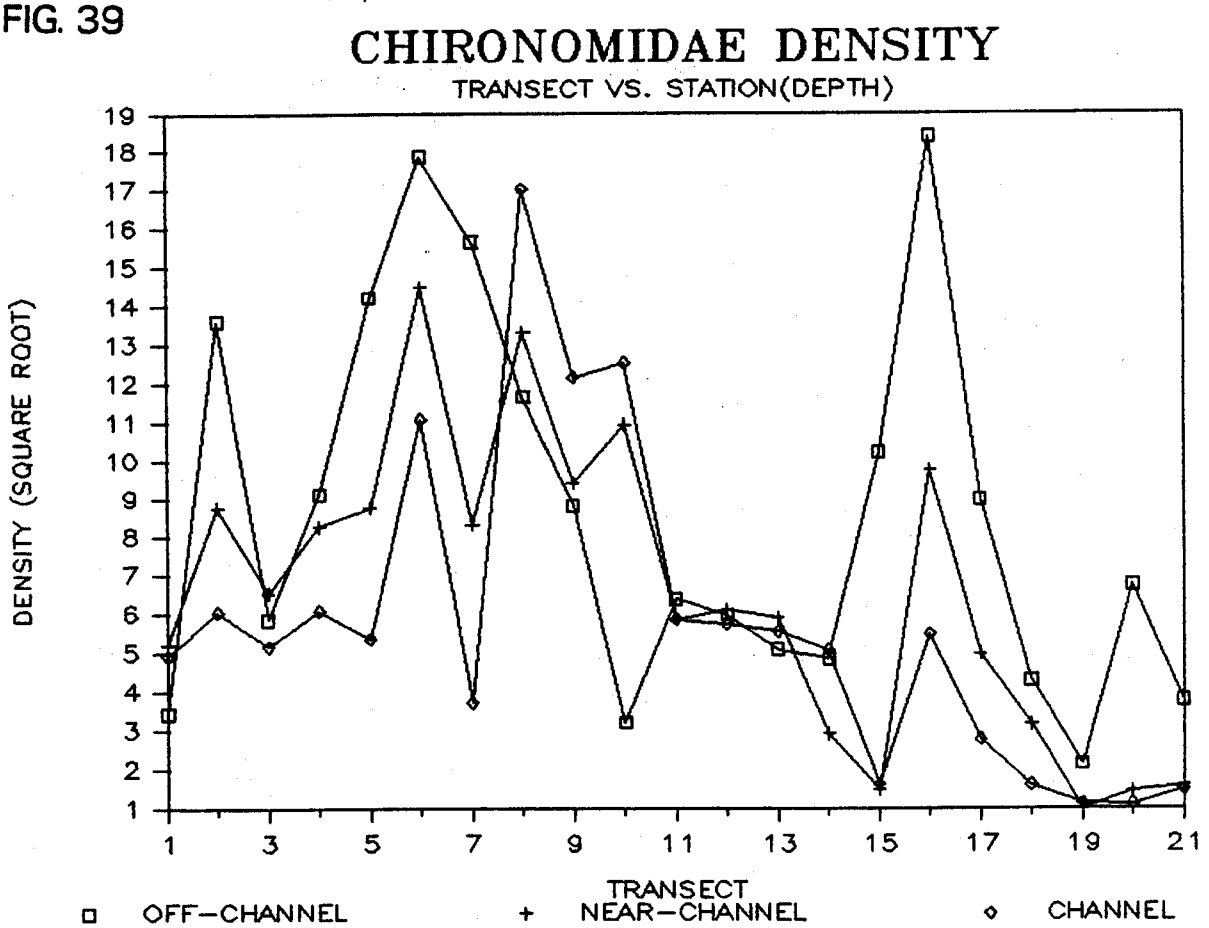

CHIRONOMIDAE DENSITY
TRANSECT VS. STATION(DEPTH)
DENSITY (SQUARE ROOT)
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OFF-CHANNEL
NEAR-CHANNEL
CHANNEL

FIG. 40

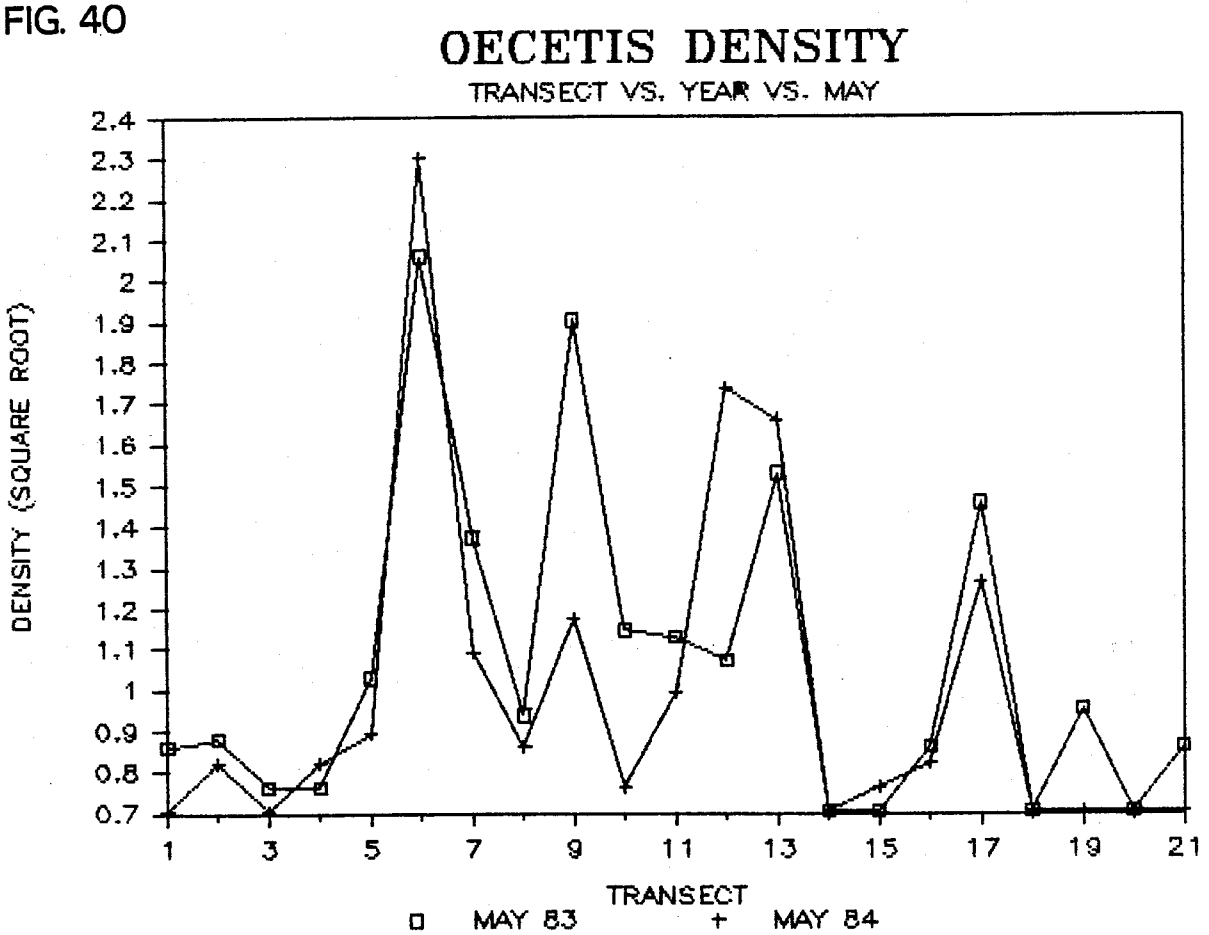

OECETIS DENSITY
TRANSECT VS. YEAR VS. MAY
DENSITY (SQUARE ROOT)
2.4
2.3
2.2
2.1
2
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
MAY 83
MAY 84

FIG. 41

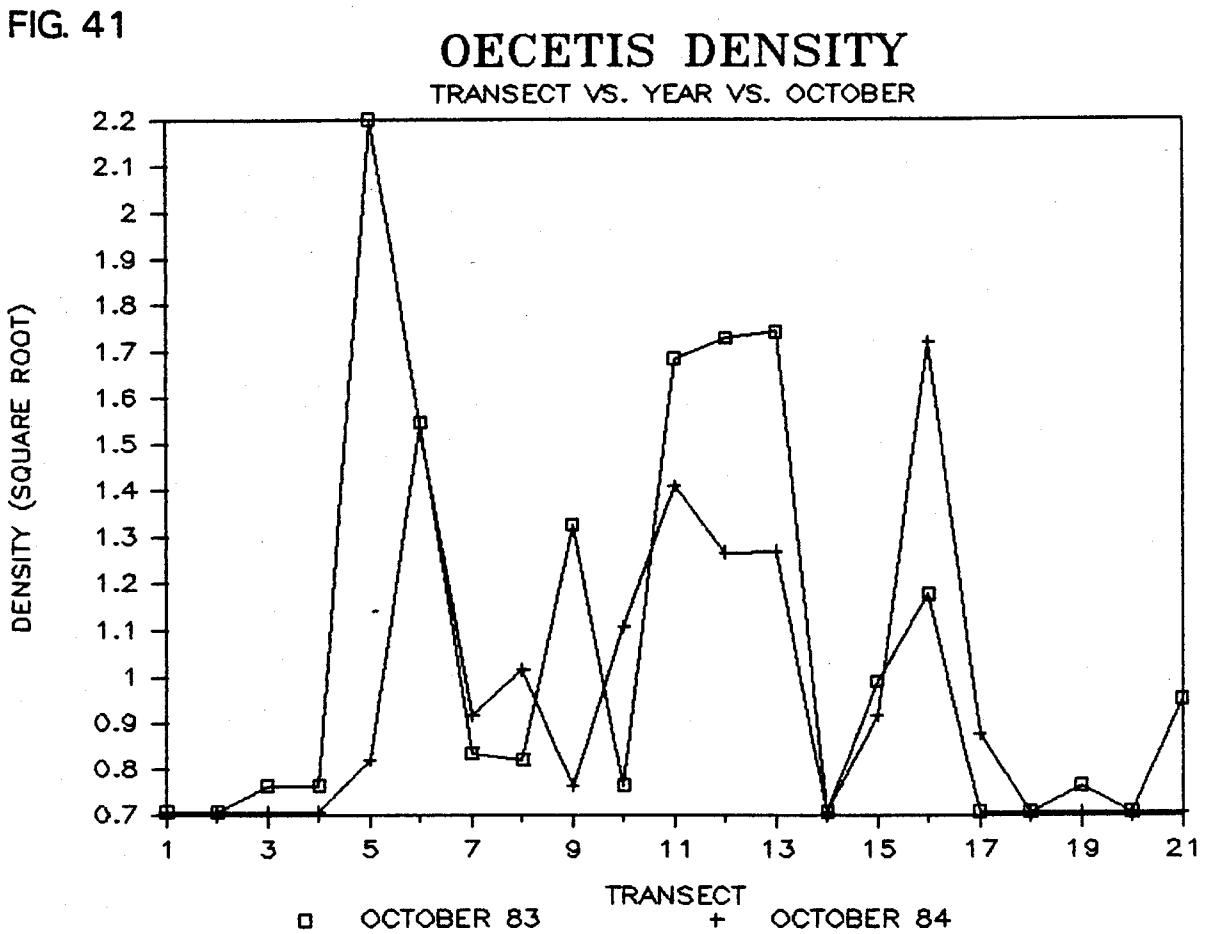

OECETIS DENSITY
TRANSECT VS. YEAR VS. OCTOBER
DENSITY (SQUARE ROOT)
2.2
2.1
2
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OCTOBER 83
OCTOBER 84

FIG. 42

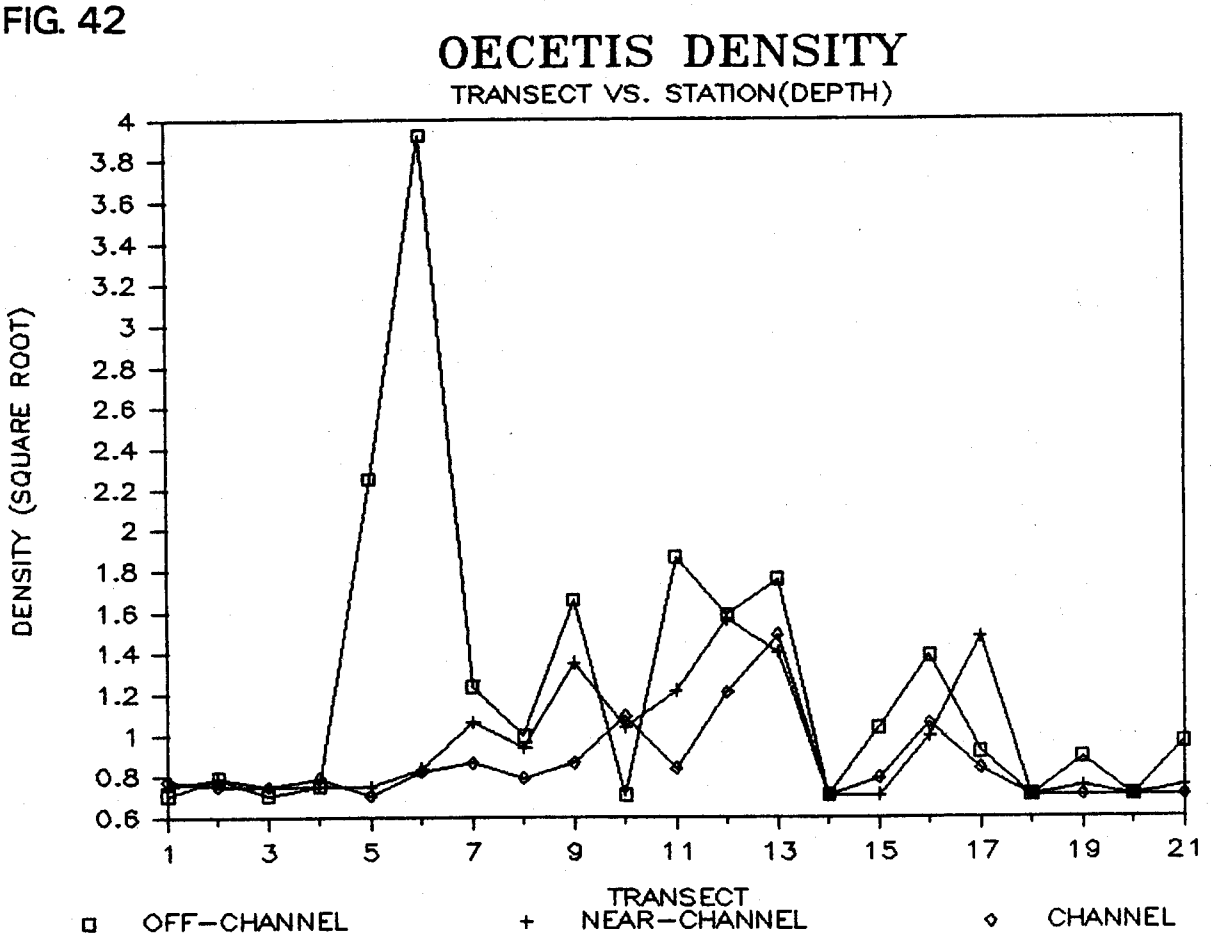

OECETIS DENSITY
TRANSECT VS. STATION(DEPTH)
DENSITY (SQUARE ROOT)
4
3.8
3.6
3.4
3.2
3
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OFF-CHANNEL
NEAR-CHANNEL
CHANNEL

FIG. 43

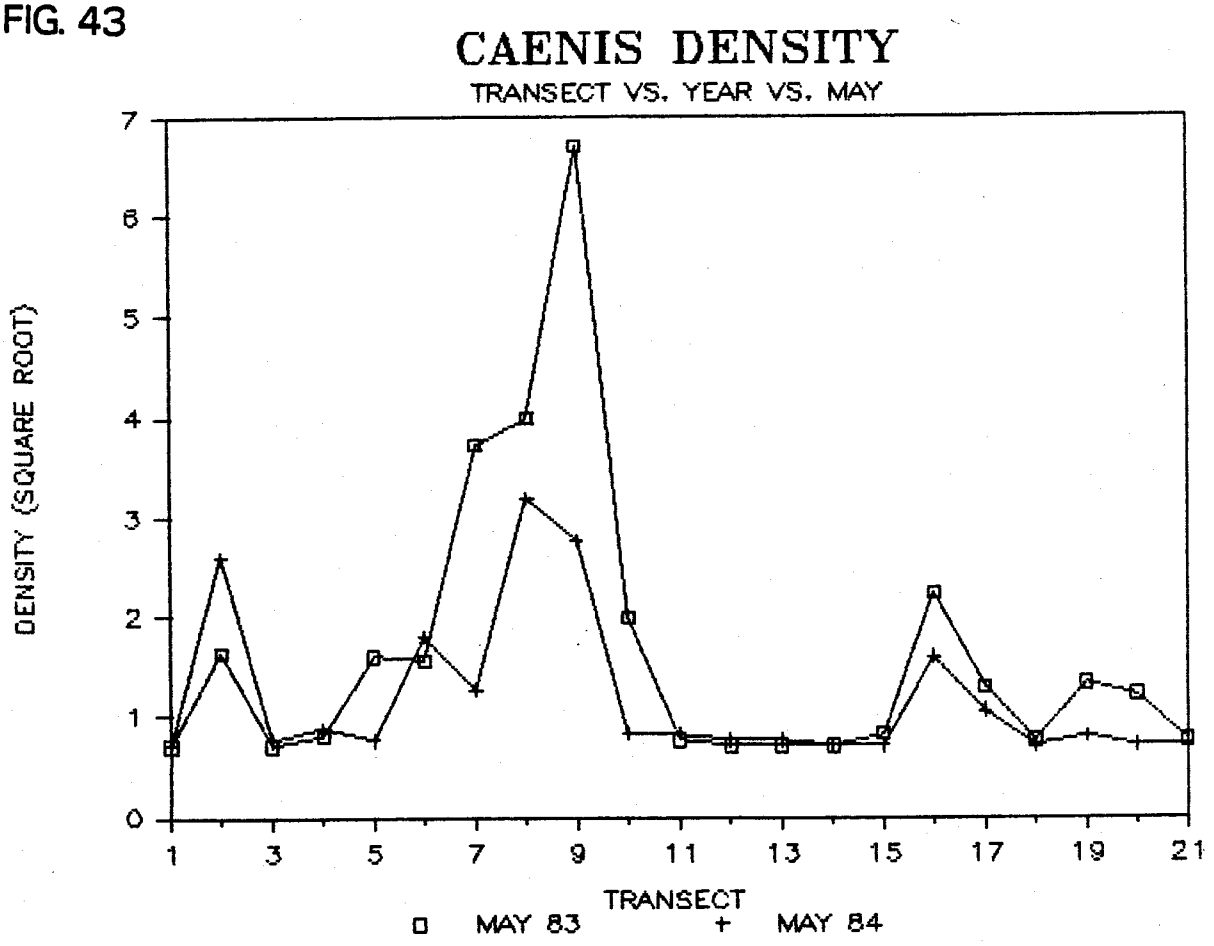

CAENIS DENSITY
TRANSECT VS. YEAR VS. MAY
DENSITY (SQUARE ROOT)
0
1
2
3
4
5
6
7
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
MAY 83
MAY 84

FIG. 44

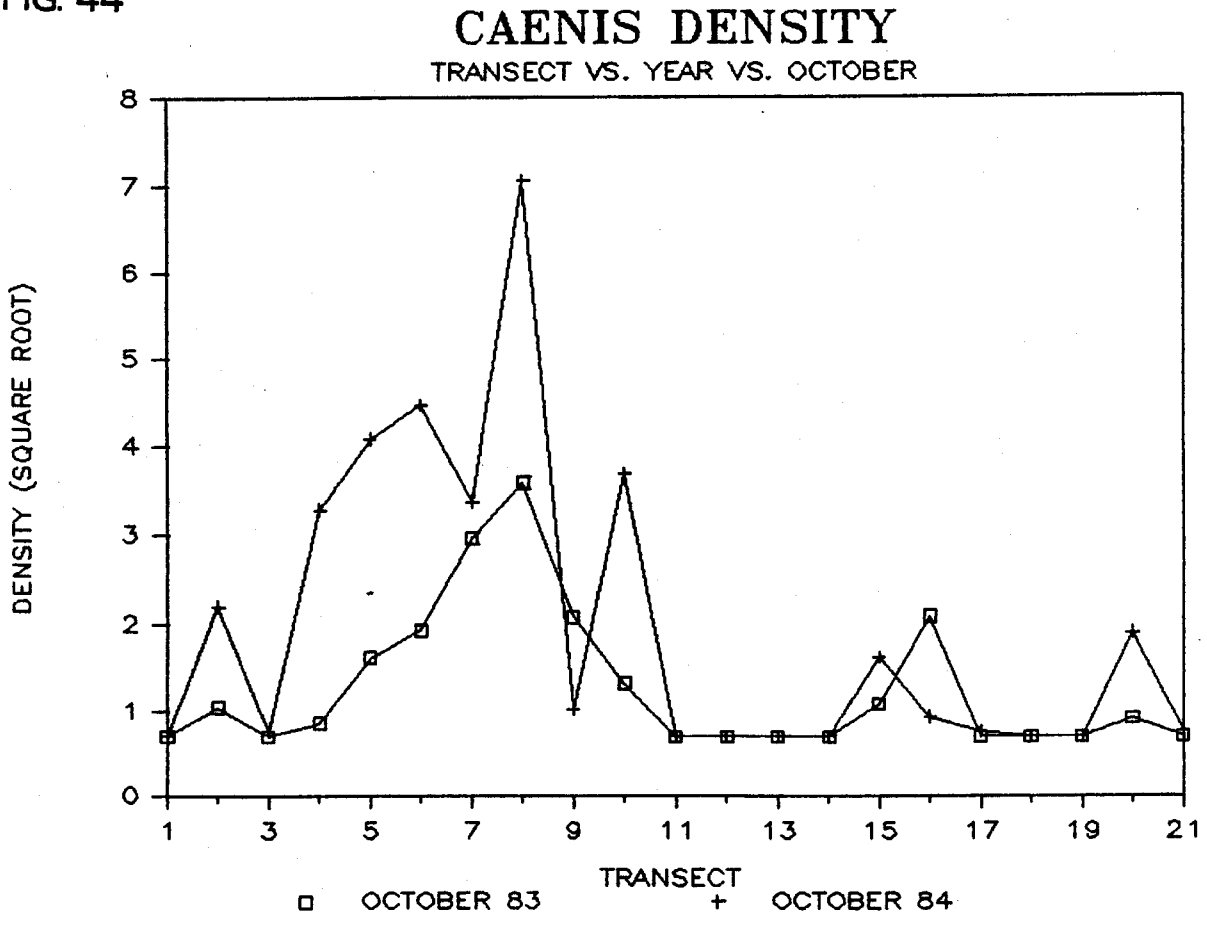

CAENIS DENSITY
TRANSECT VS. YEAR VS. OCTOBER
DENSITY (SQUARE ROOT)
0
1
2
3
4
5
6
7
8
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OCTOBER 83
OCTOBER 84

FIG. 45

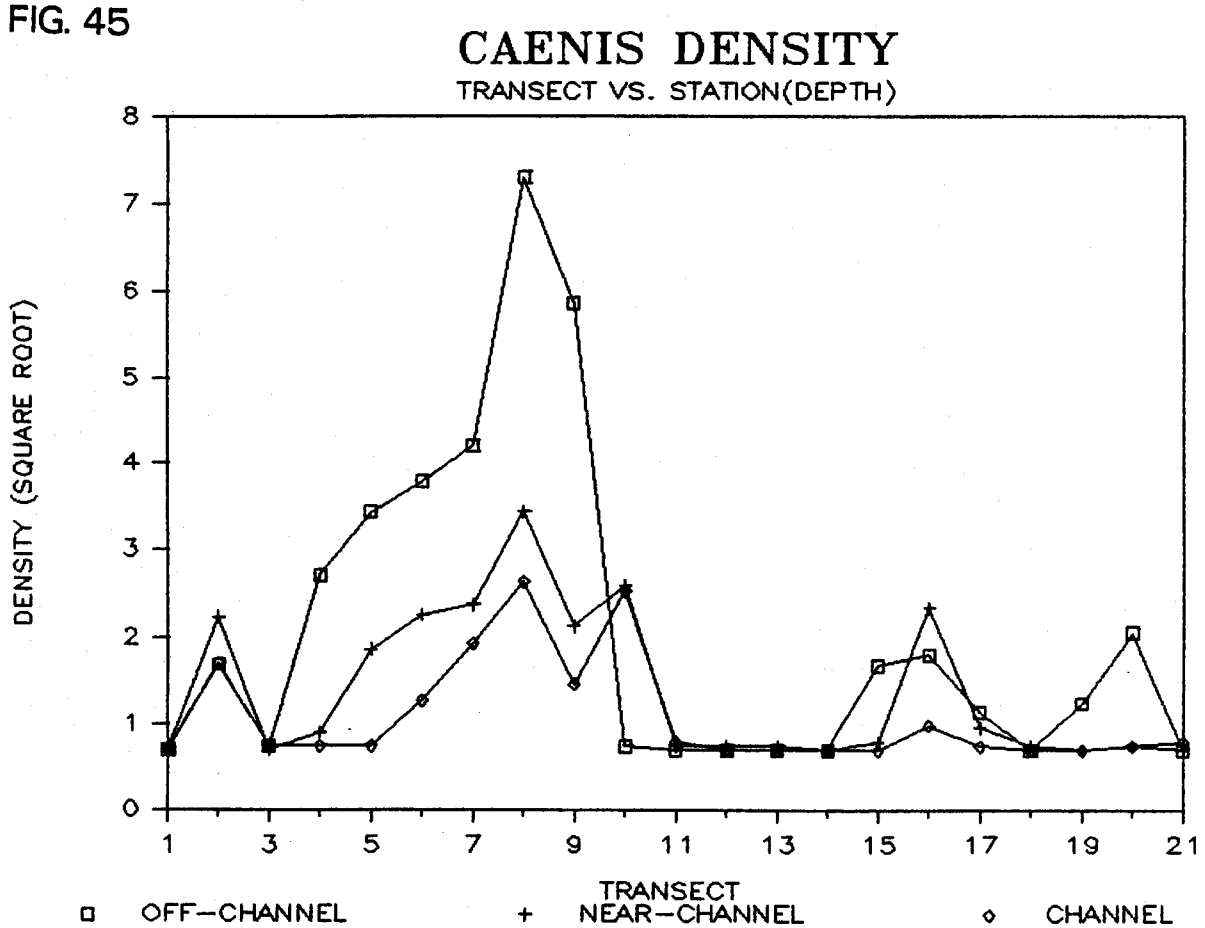

CAENIS DENSITY
TRANSECT VS. STATION(DEPTH)
DENSITY (SQUARE ROOT)
0
1
2
3
4
5
6
7
8
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OFF-CHANNEL
NEAR-CHANNEL
CHANNEL

FIG. 46

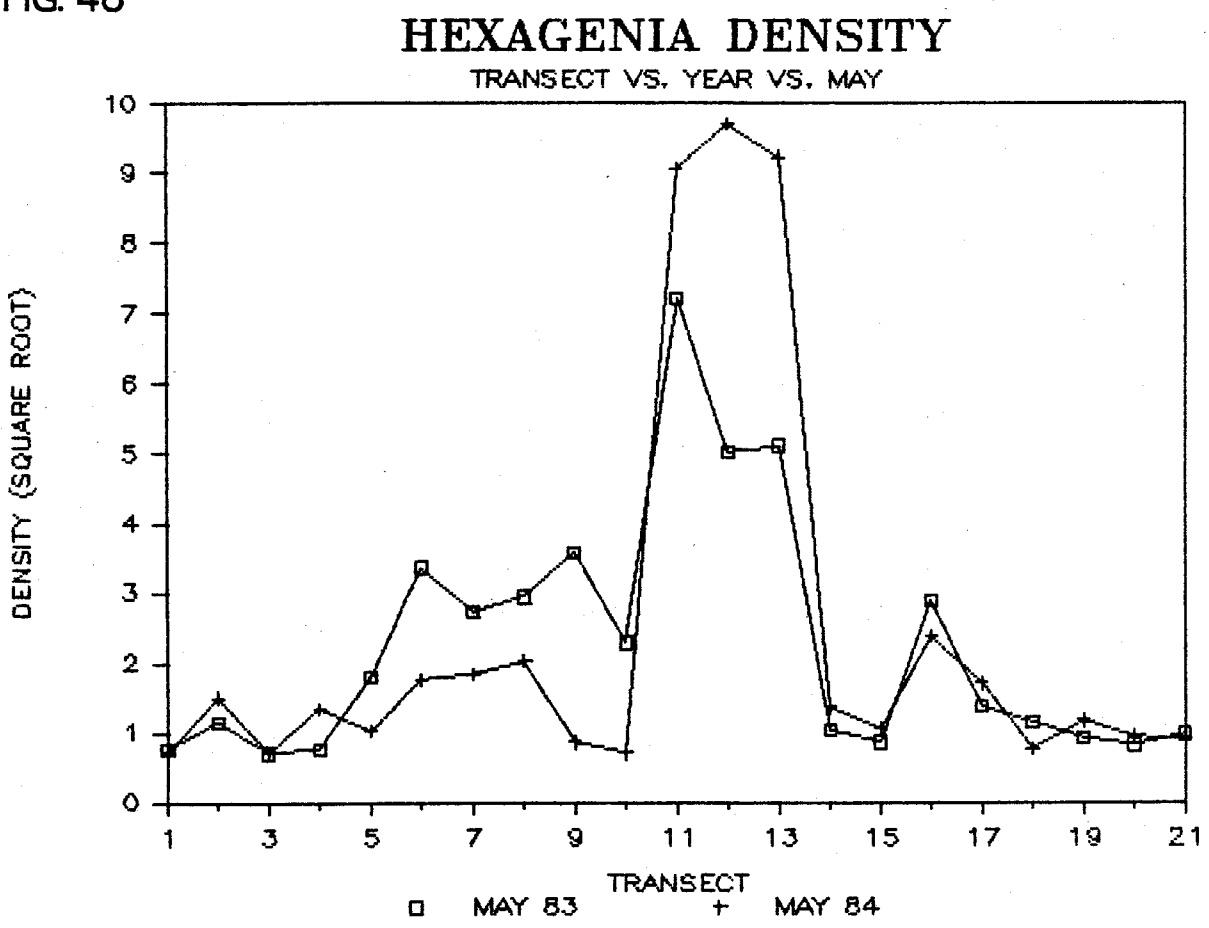

HEXAGENIA DENSITY
TRANSECT VS. YEAR VS. MAY
DENSITY (SQUARE ROOT)
0
1
2
3
4
5
6
7
8
9
10
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
MAY 83
MAY 84

FIG. 47

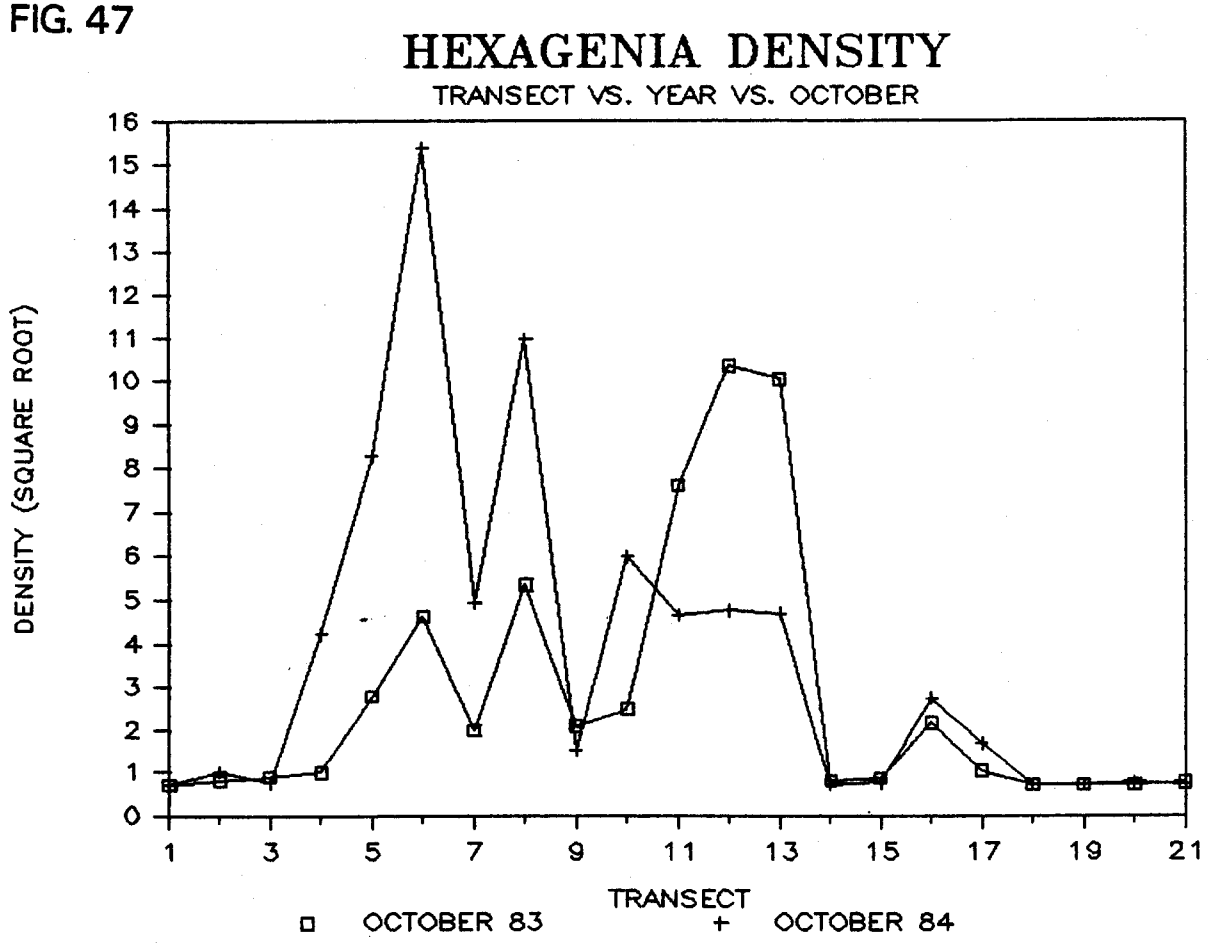

HEXAGENIA DENSITY
TRANSECT VS. YEAR VS. OCTOBER
DENSITY (SQUARE ROOT)
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OCTOBER 83
OCTOBER 84

FIG. 48

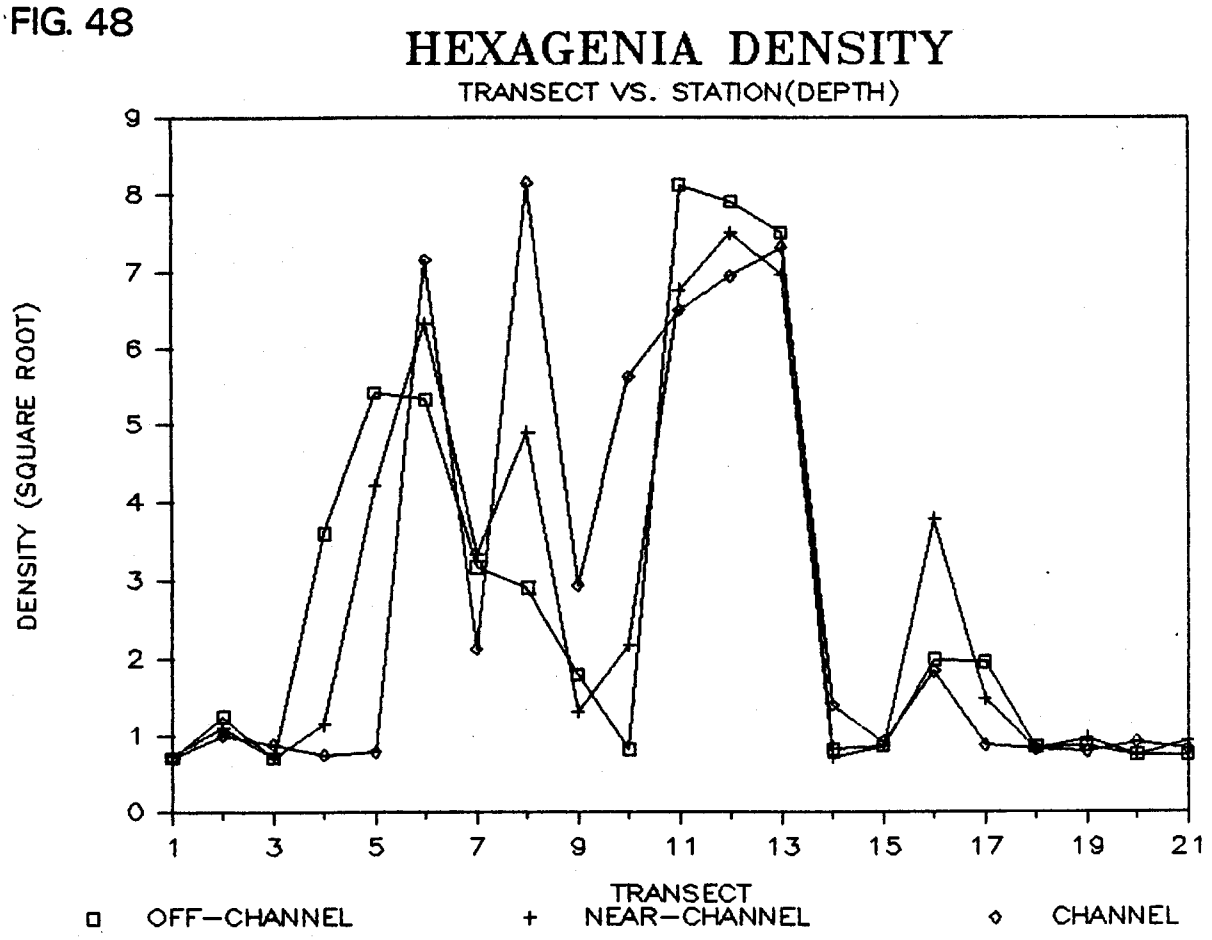

HEXAGENIA DENSITY
TRANSECT VS. STATION(DEPTH)
DENSITY (SQUARE ROOT)
0
1
2
3
4
5
6
7
8
9
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OFF-CHANNEL
NEAR-CHANNEL
CHANNEL

FIG. 49

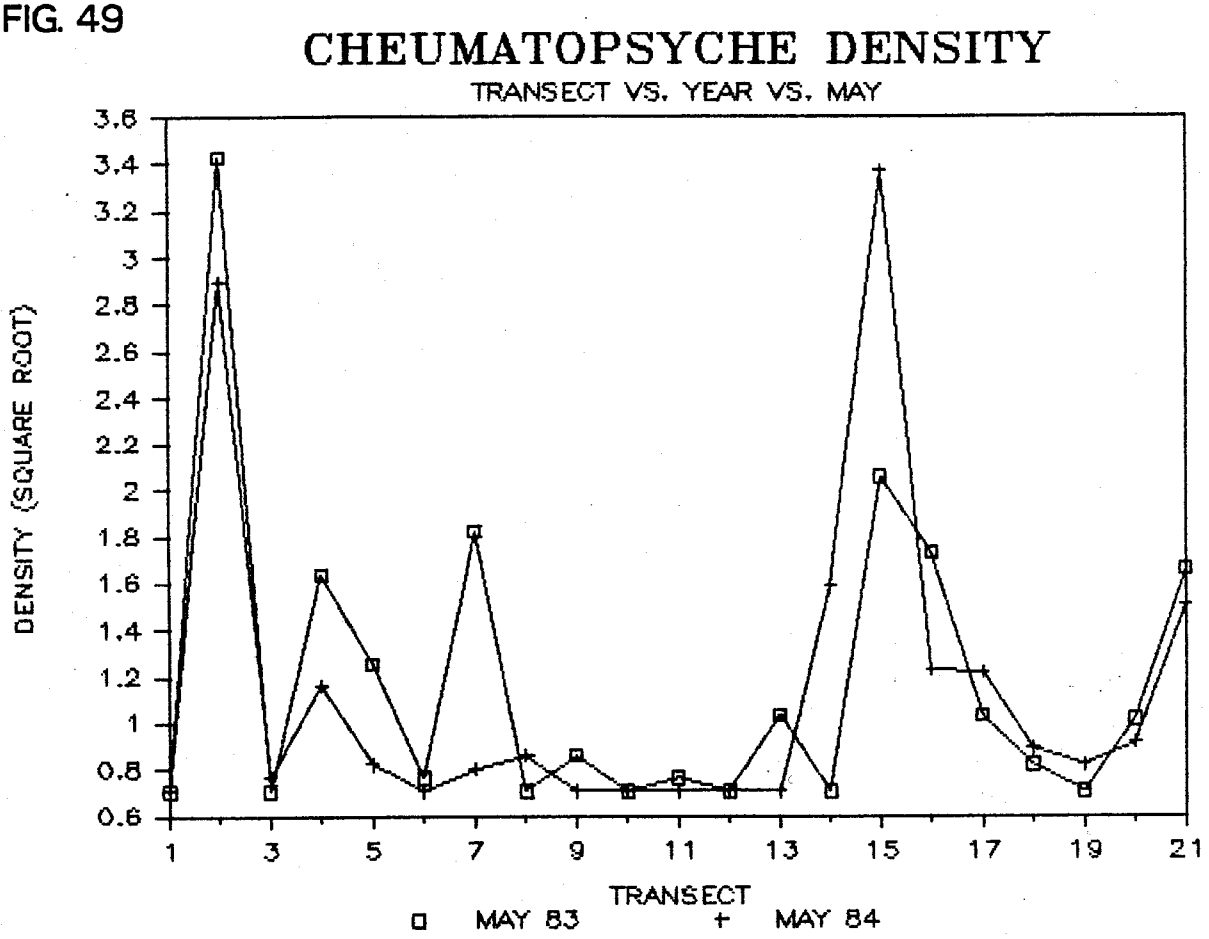

CHEUMATOPSYCHE DENSITY
TRANSECT VS. YEAR VS. MAY
DENSITY (SQUARE ROOT)
3.6
3.4
3.2
3
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
MAY 83
MAY 84

FIG. 50

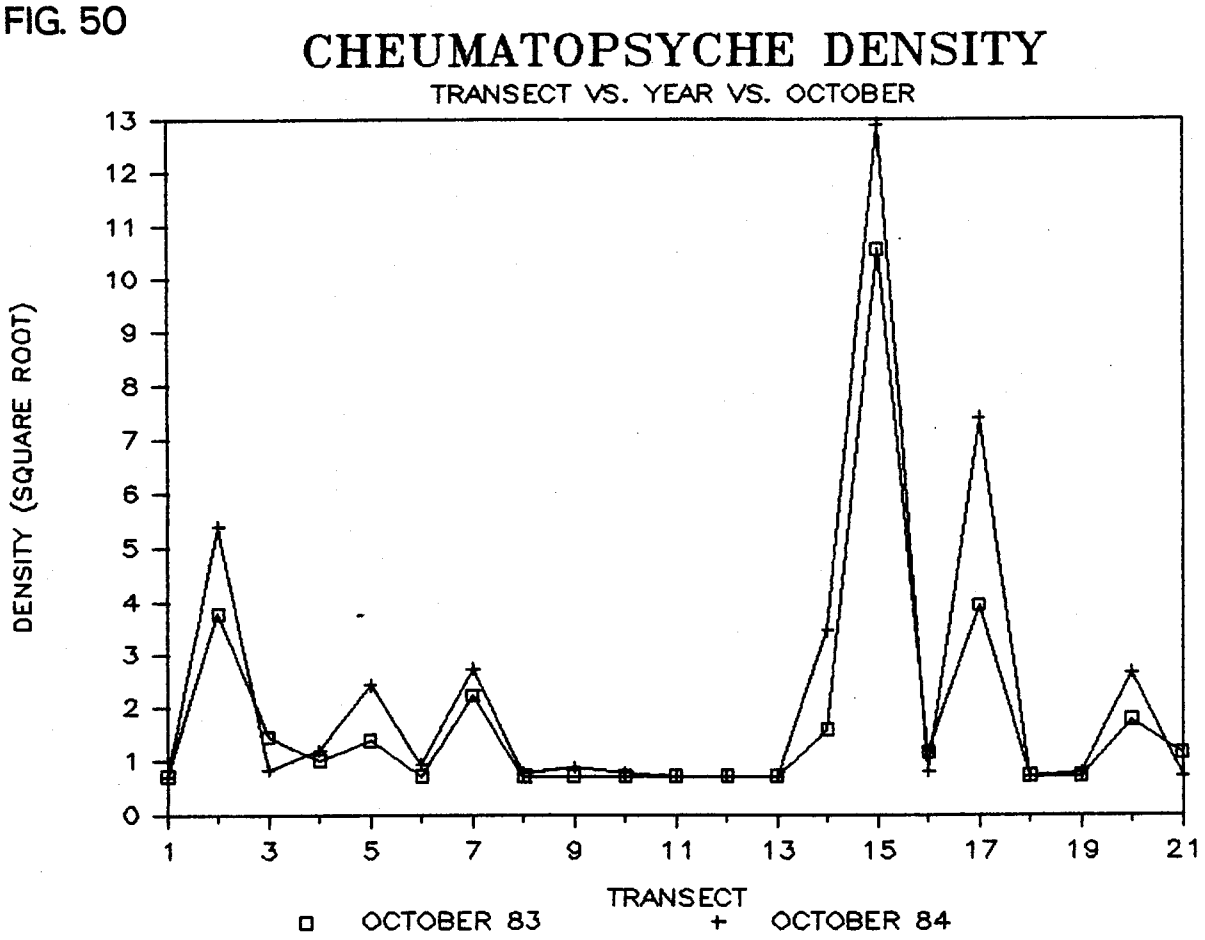

CHEUMATOPSYCHE DENSITY
TRANSECT VS. YEAR VS. OCTOBER
DENSITY (SQUARE ROOT)
13
12
11
10
9
8
7
6
5
4
3
2
1
0
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OCTOBER 83
OCTOBER 84

FIG. 51

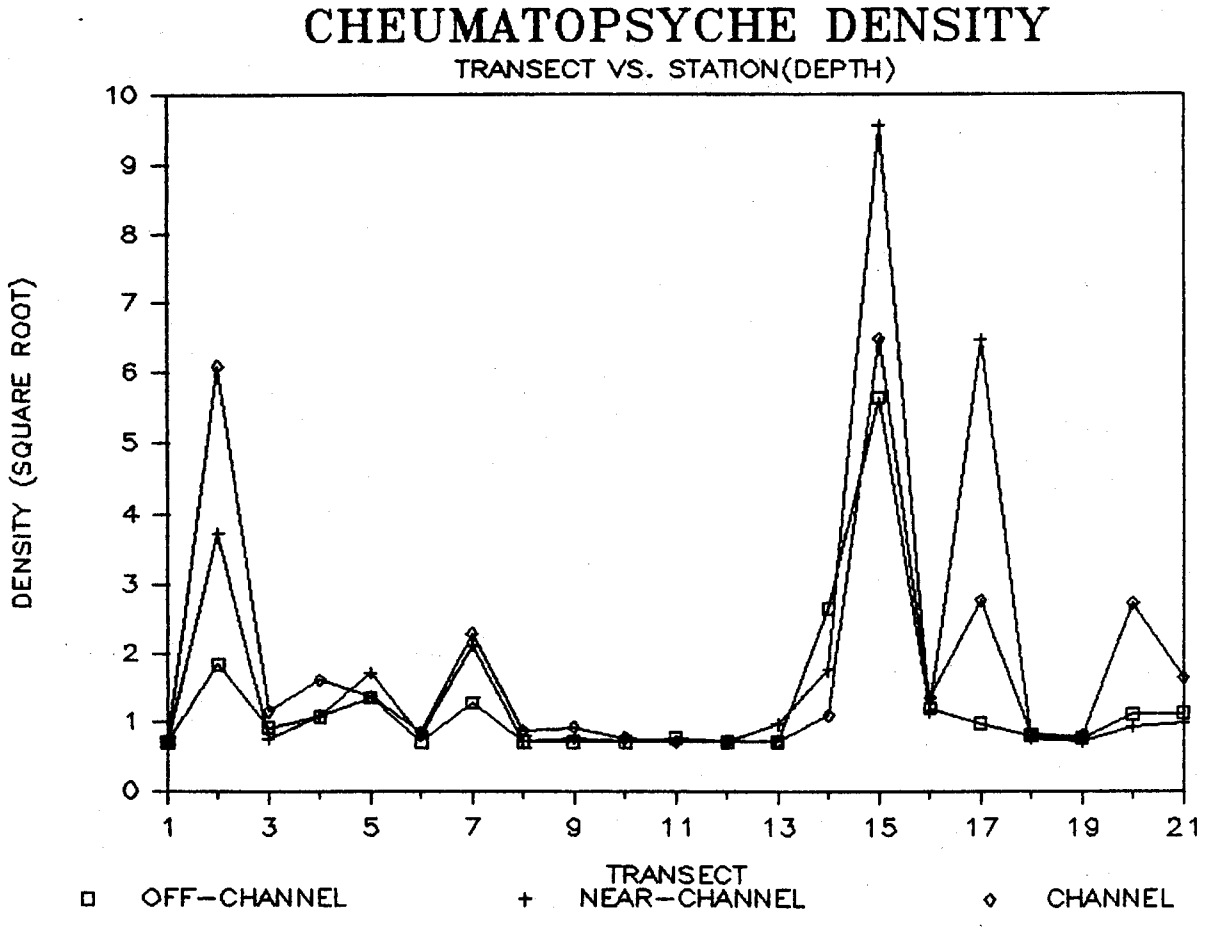

CHEUMATOPSYCHE DENSITY
TRANSECT VS. STATION(DEPTH)
DENSITY (SQUARE ROOT)
0
1
2
3
4
5
6
7
8
9
10
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OFF-CHANNEL
NEAR-CHANNEL
CHANNEL

FIG. 52

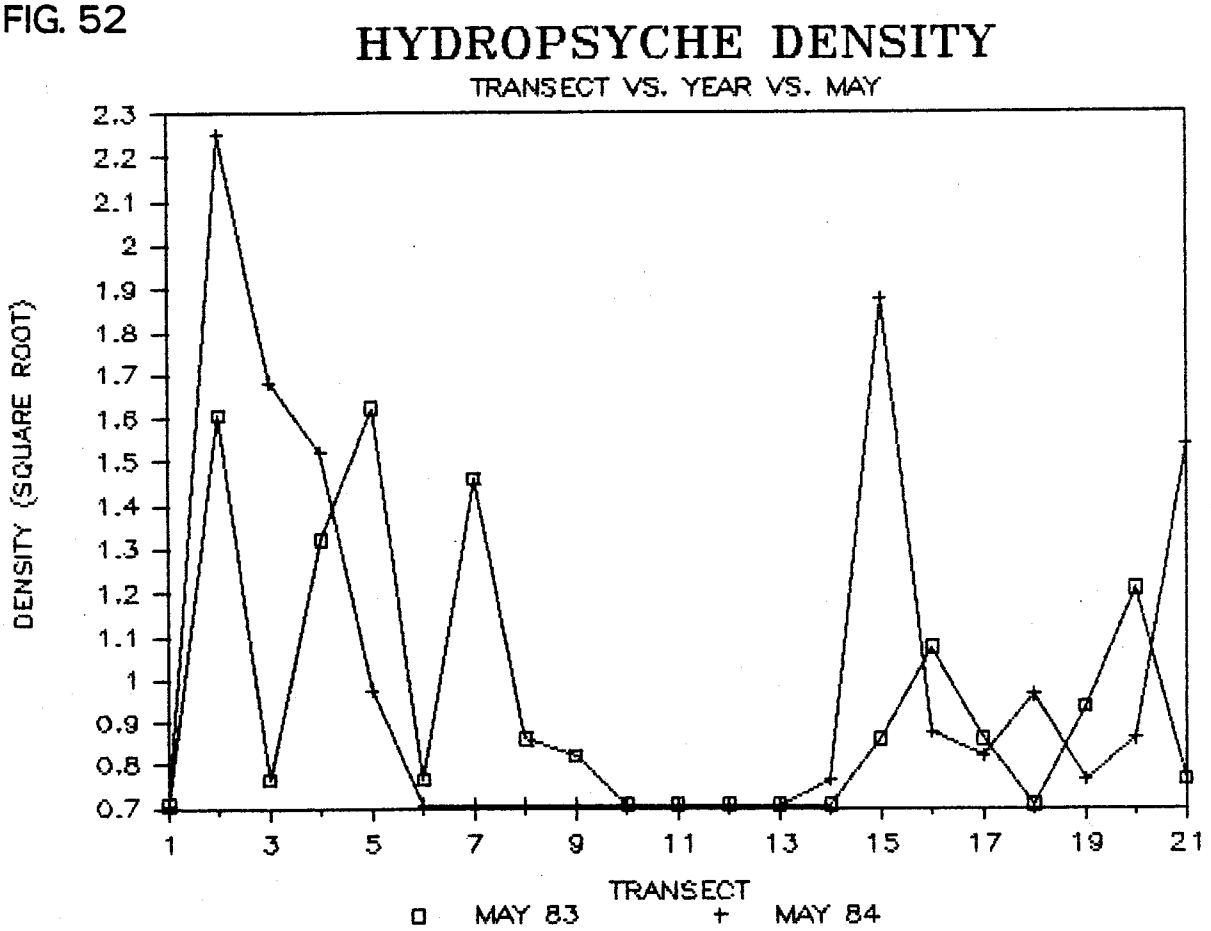

HYDROPSYCHE DENSITY
TRANSECT VS. YEAR VS. MAY
DENSITY (SQUARE ROOT)
2.3
2.2
2.1
2
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
MAY 83
MAY 84

FIG. 53

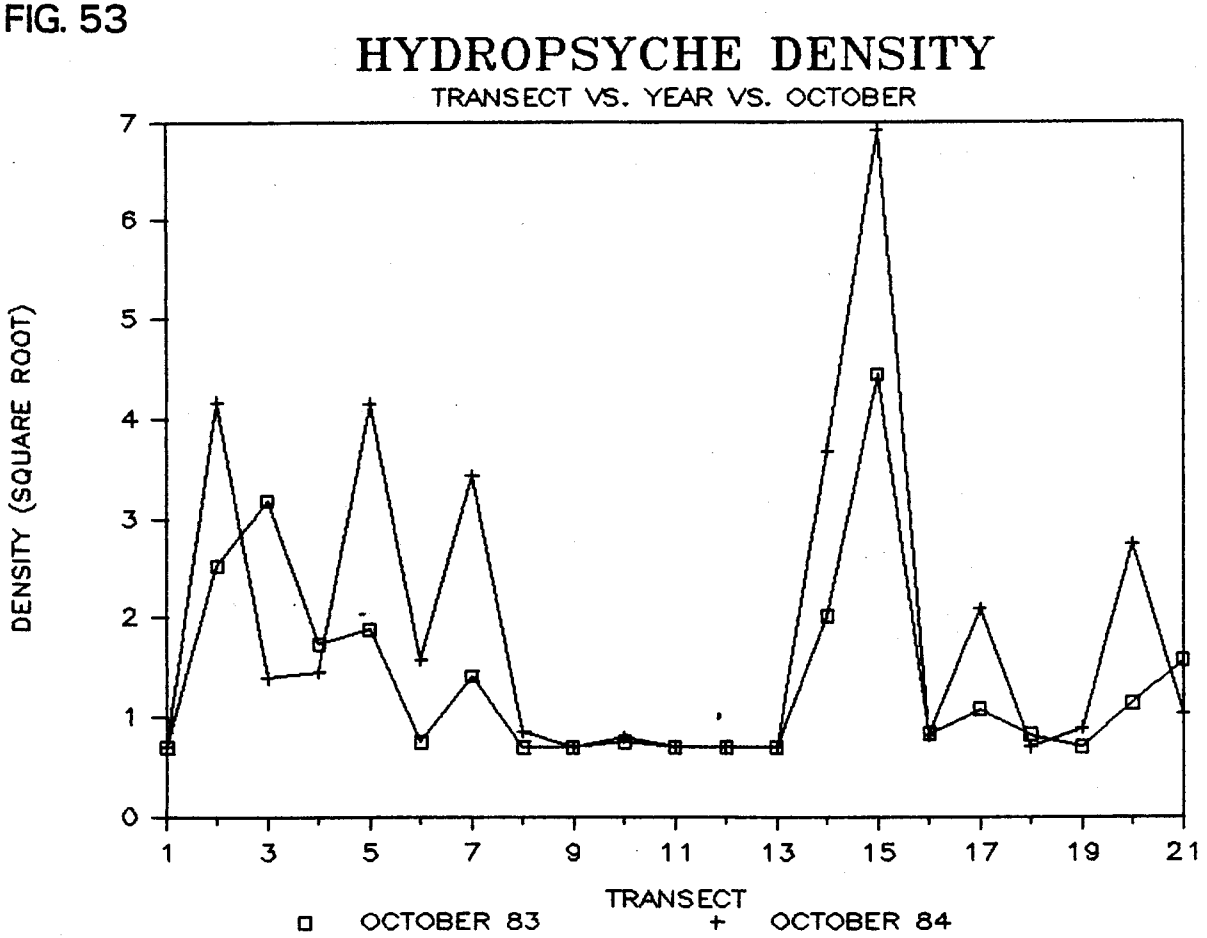

HYDROPSYCHE DENSITY
TRANSECT VS. YEAR VS. OCTOBER
DENSITY (SQUARE ROOT)
7
6
5
4
3
2
1
0
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OCTOBER 83
OCTOBER 84

FIG. 54

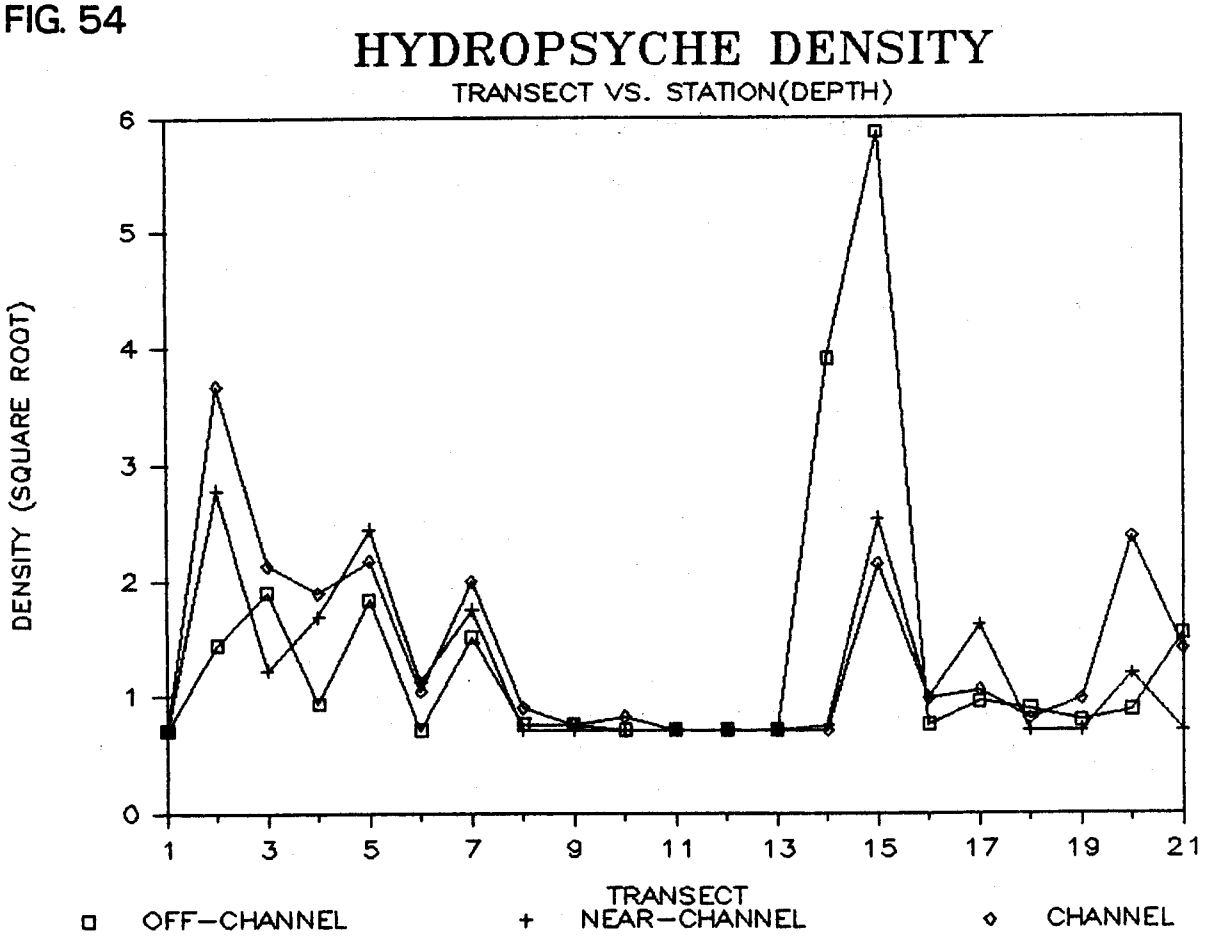

HYDROPSYCHE DENSITY
TRANSECT VS. STATION(DEPTH)
DENSITY (SQUARE ROOT)
0
1
2
3
4
5
6
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OFF-CHANNEL
NEAR-CHANNEL
CHANNEL

FIG. 55

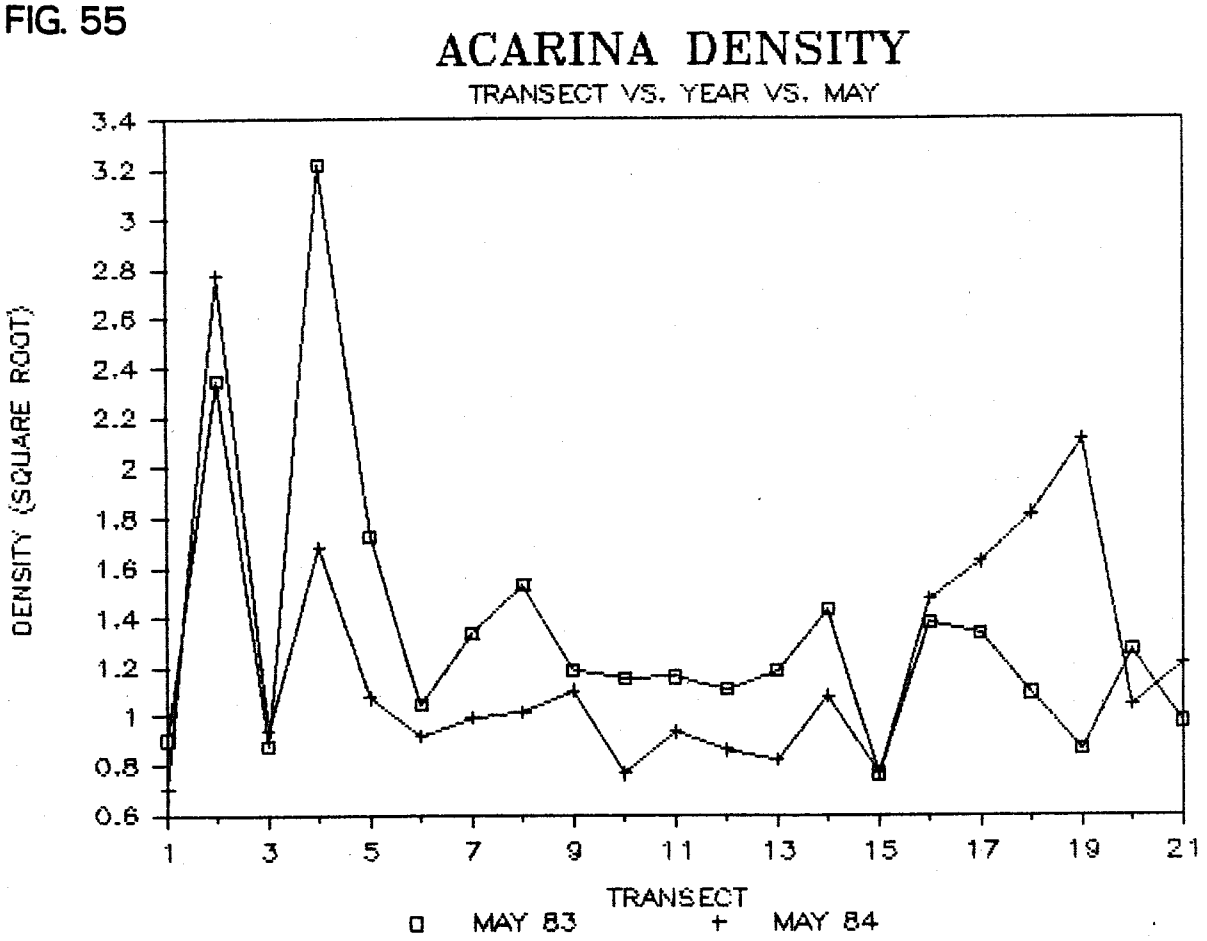

ACARINA DENSITY
TRANSECT VS. YEAR VS. MAY
DENSITY (SQUARE ROOT)
3.4
3.2
3
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
MAY 83
MAY 84

FIG. 56

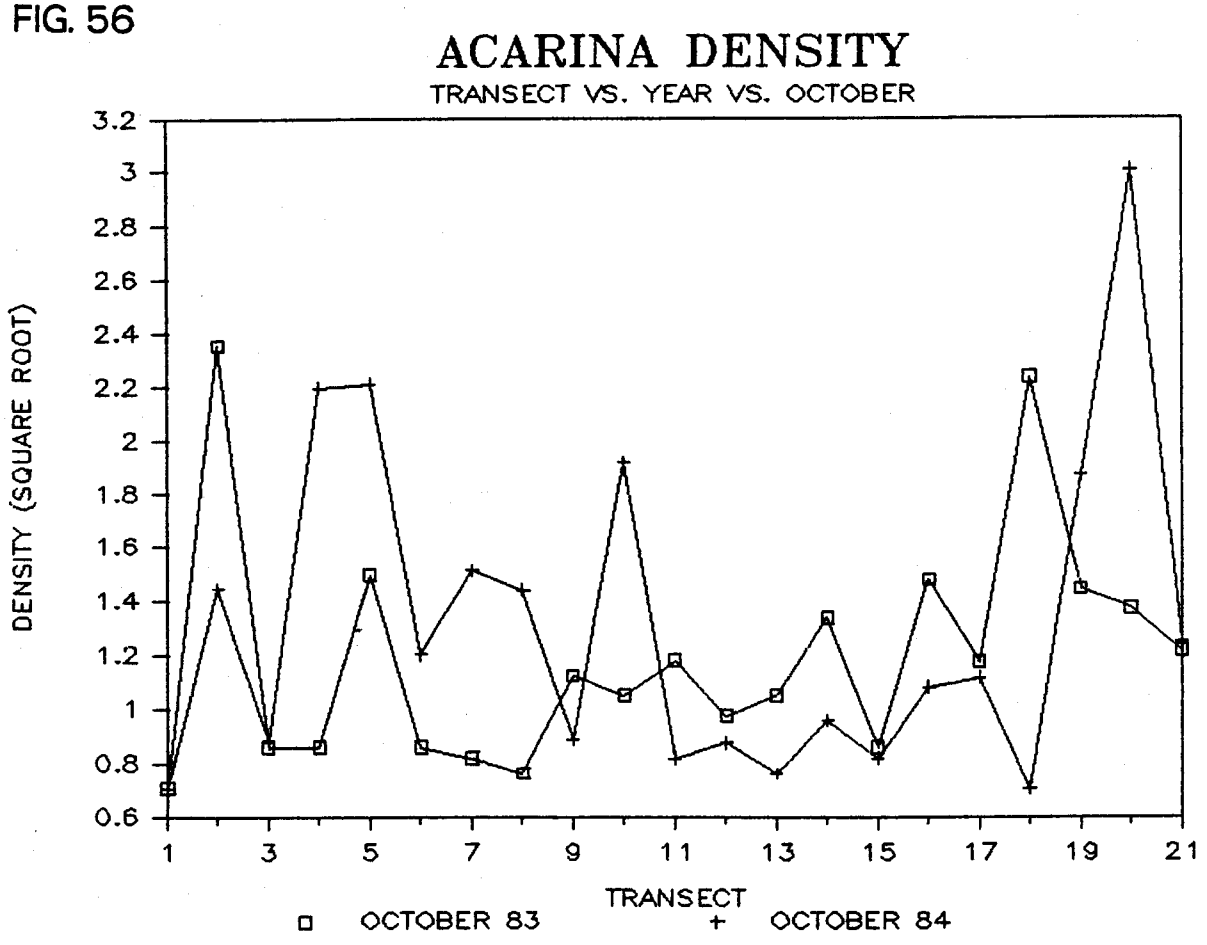

ACARINA DENSITY
TRANSECT VS. YEAR VS. OCTOBER
DENSITY (SQUARE ROOT)
3.2
3
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OCTOBER 83
OCTOBER 84

FIG. 57

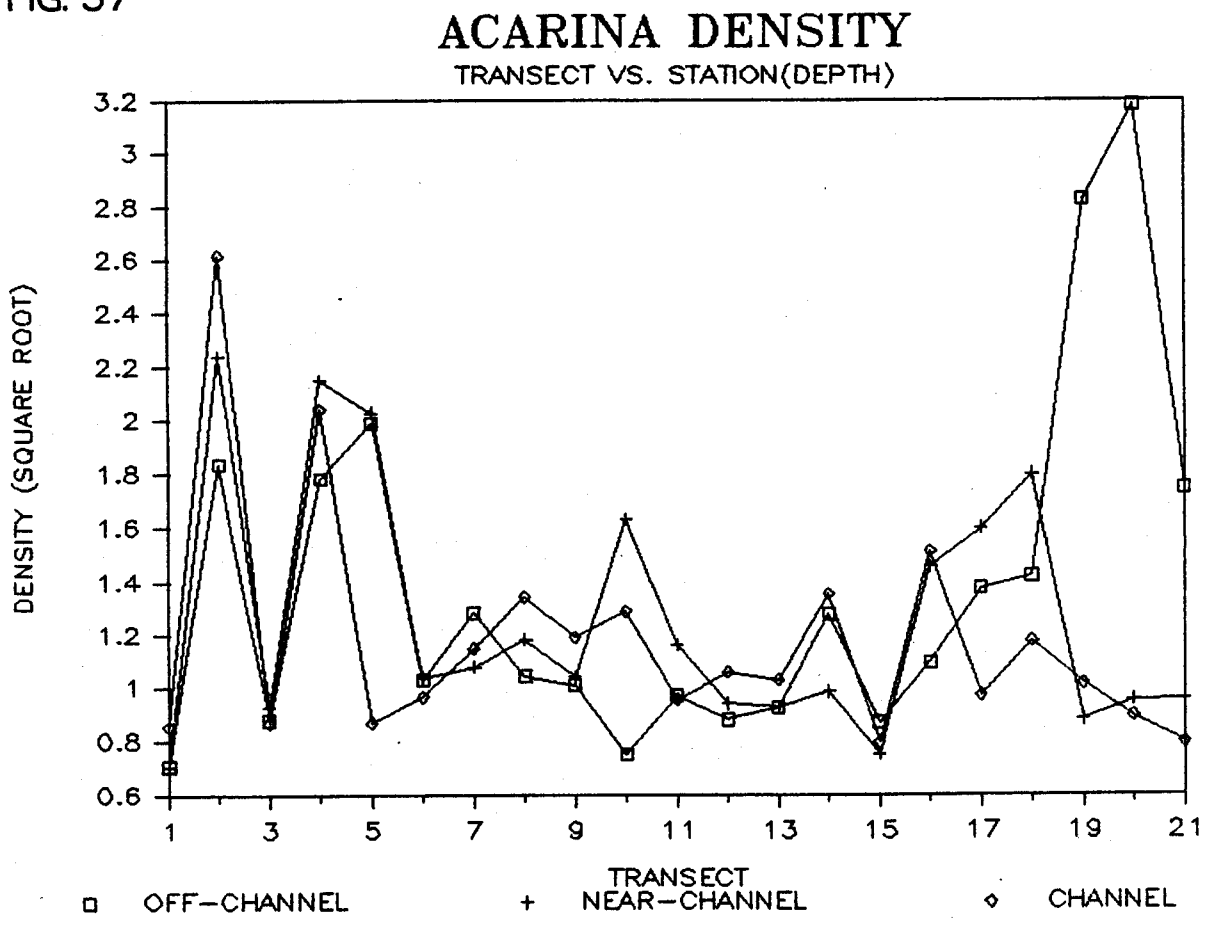

ACARINA DENSITY
TRANSECT VS. STATION(DEPTH)
DENSITY (SQUARE ROOT)
3.2
3
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OFF-CHANNEL
NEAR-CHANNEL
CHANNEL

FIG. 58

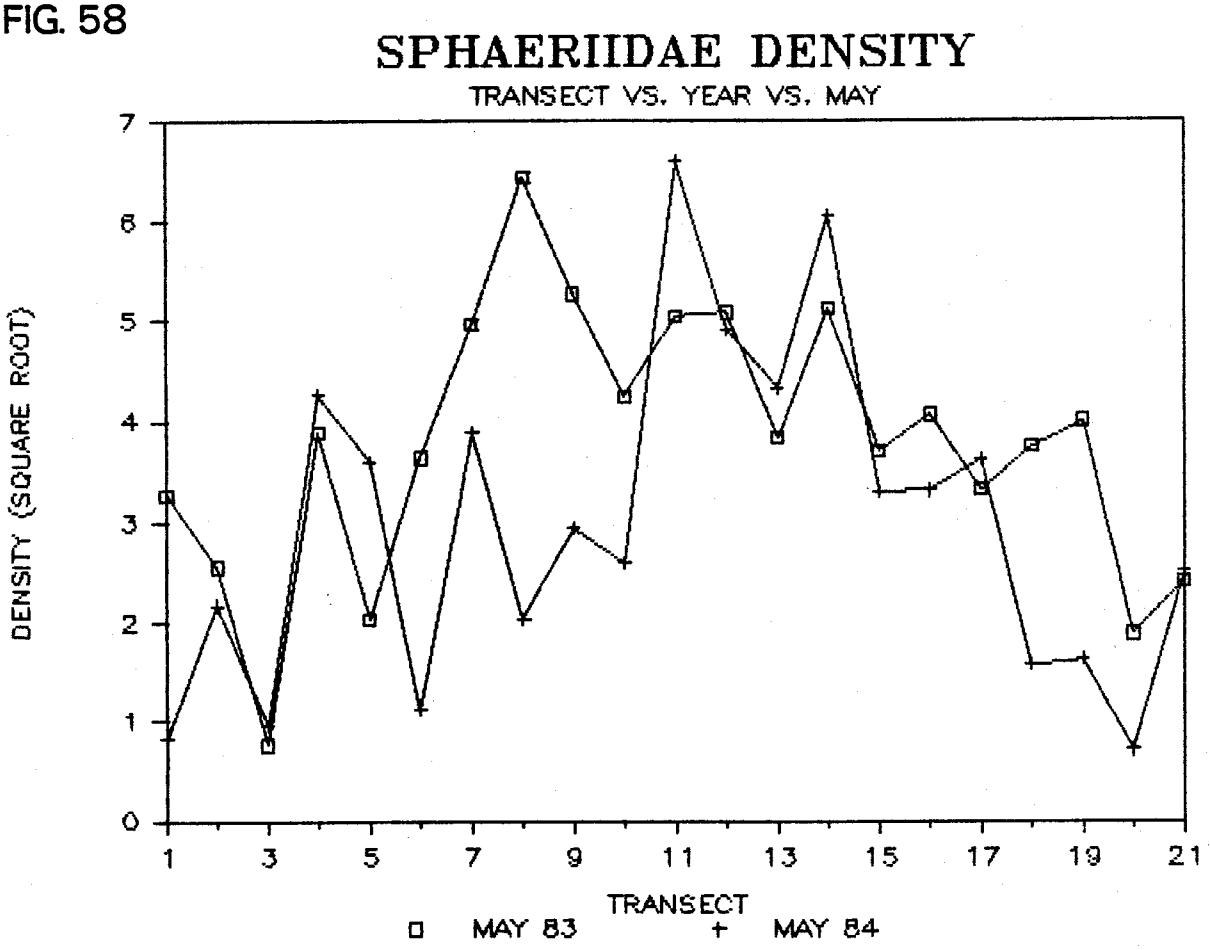

SPHAERIIDAE DENSITY
TRANSECT VS. YEAR VS. MAY
DENSITY (SQUARE ROOT)
0
1
2
3
4
5
6
7
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
MAY 83
MAY 84

FIG. 59

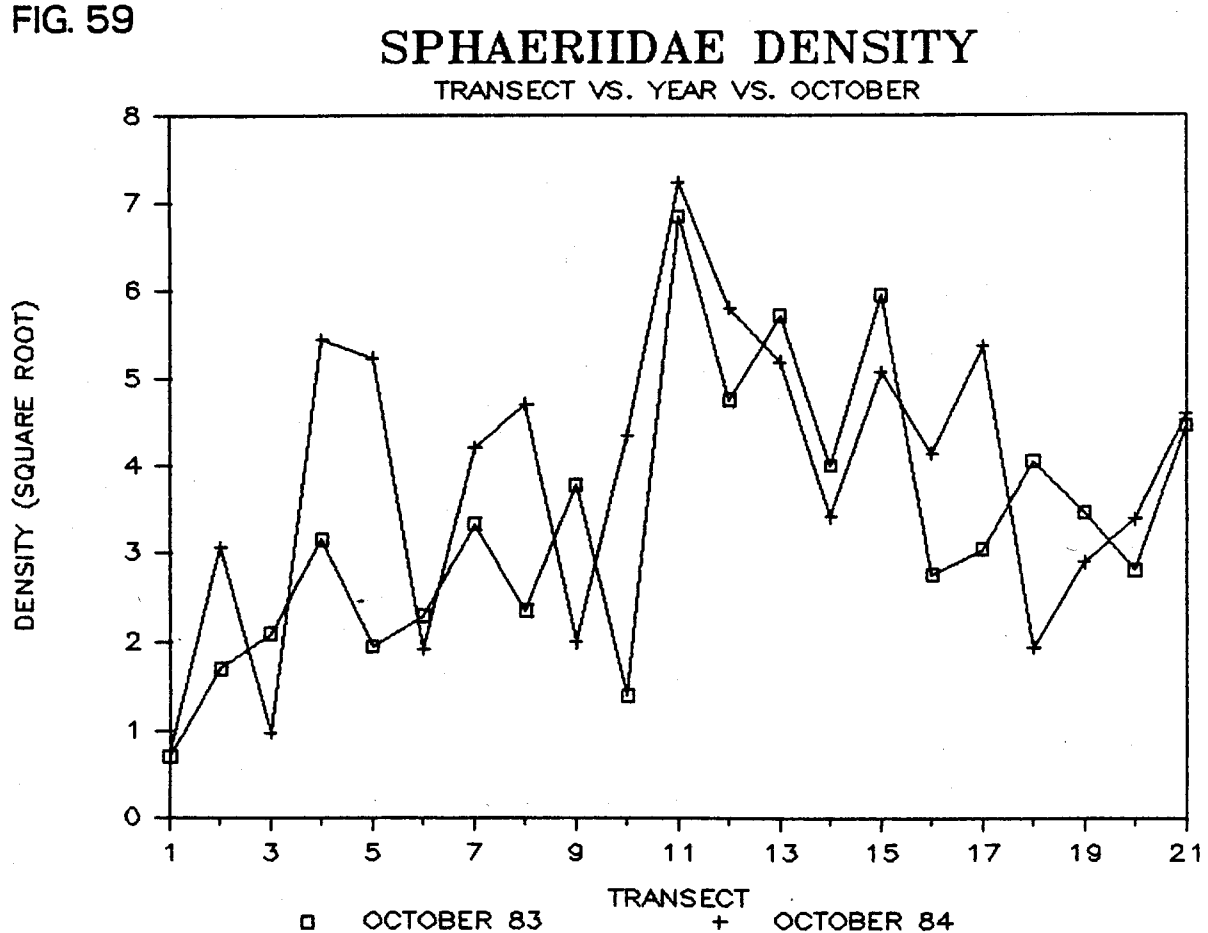

SPHAERIIDAE DENSITY
TRANSECT VS. YEAR VS. OCTOBER
DENSITY (SQUARE ROOT)
0
1
2
3
4
5
6
7
8
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OCTOBER 83
OCTOBER 84

FIG. 60

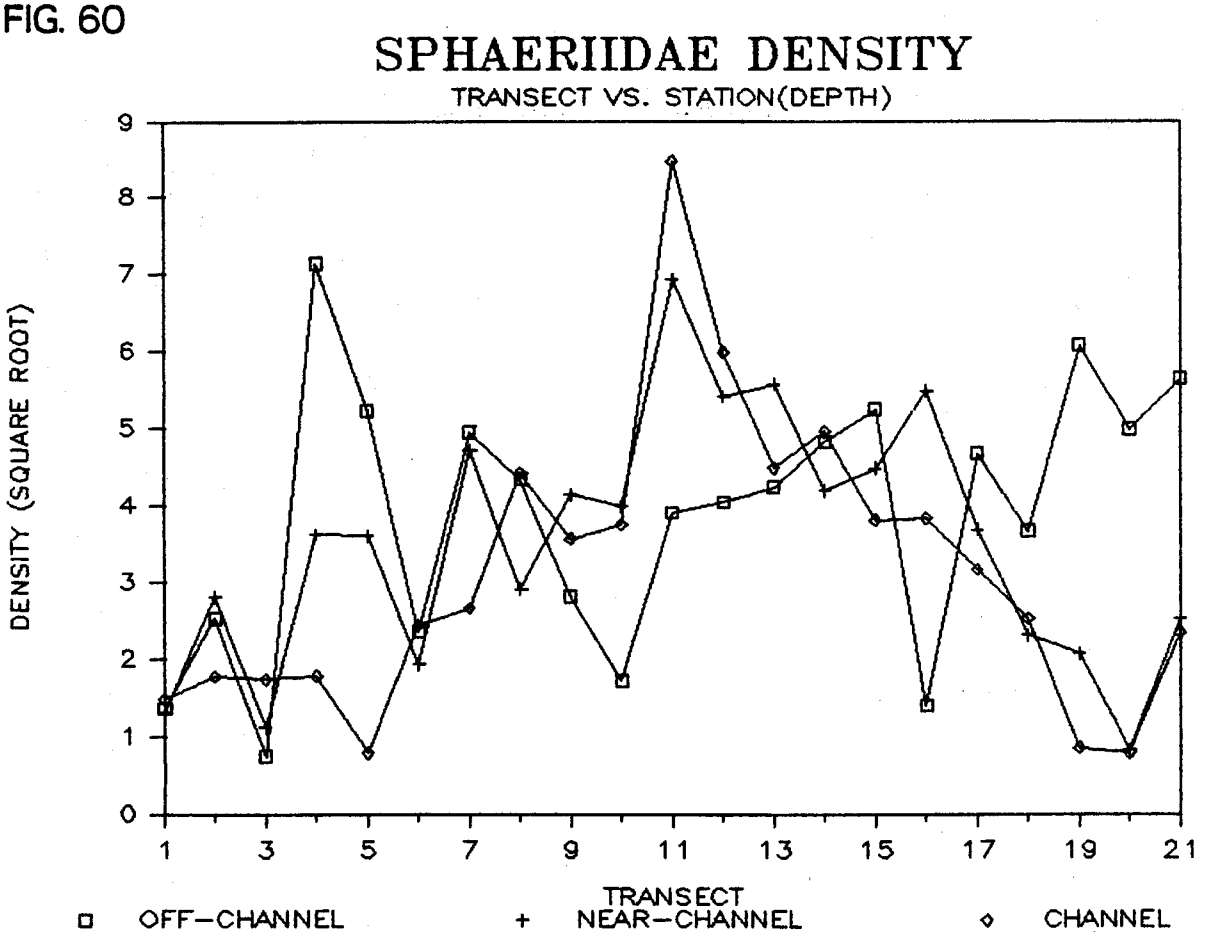

SPHAERIIDAE DENSITY
TRANSECT VS. STATION(DEPTH)
DENSITY (SQUARE ROOT)
0
1
2
3
4
5
6
7
8
9
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OFF-CHANNEL
NEAR-CHANNEL
CHANNEL

FIG. 61

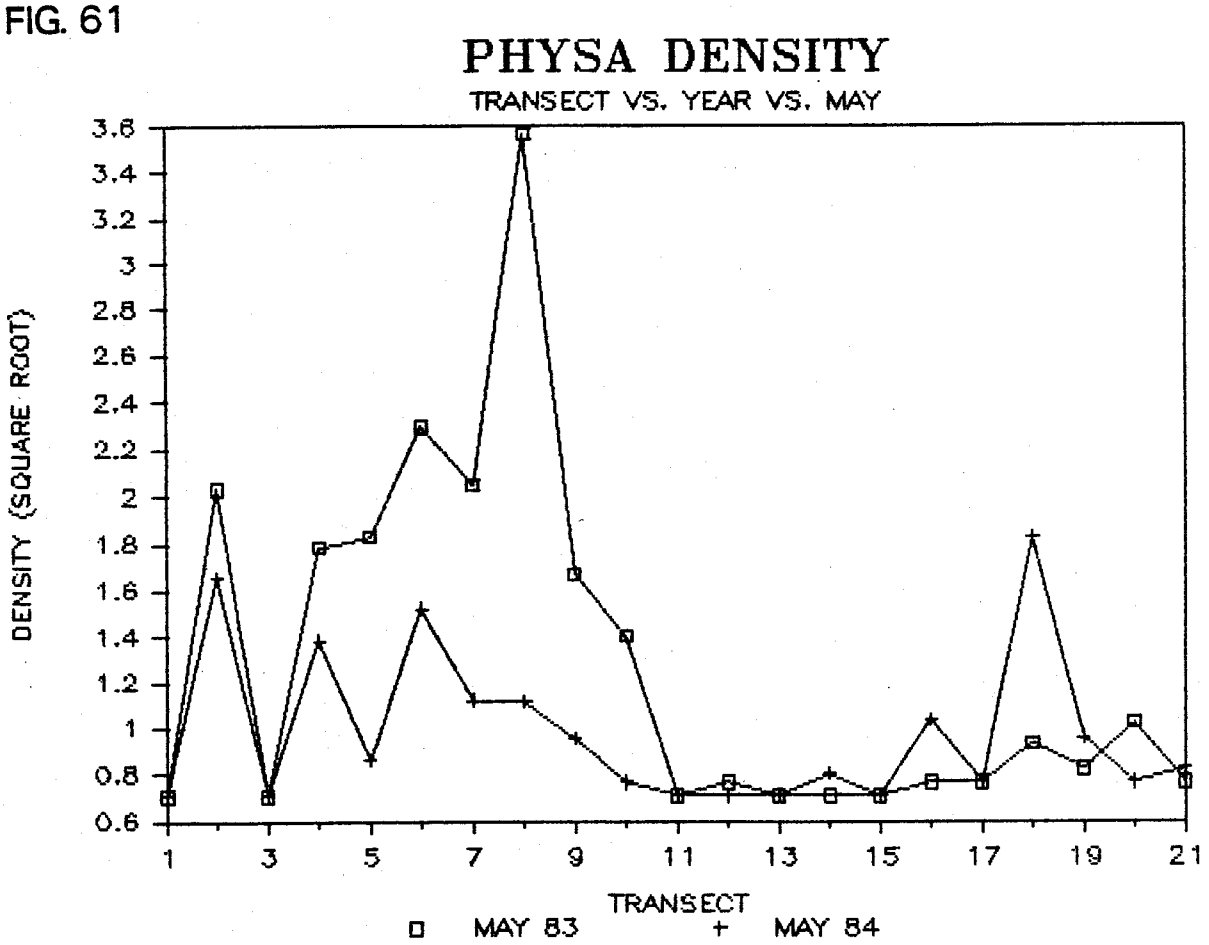

PHYSA DENSITY
TRANSECT VS. YEAR VS. MAY
DENSITY (SQUARE ROOT)
3.6
3.4
3.2
3
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
MAY 83
MAY 84

FIG. 62

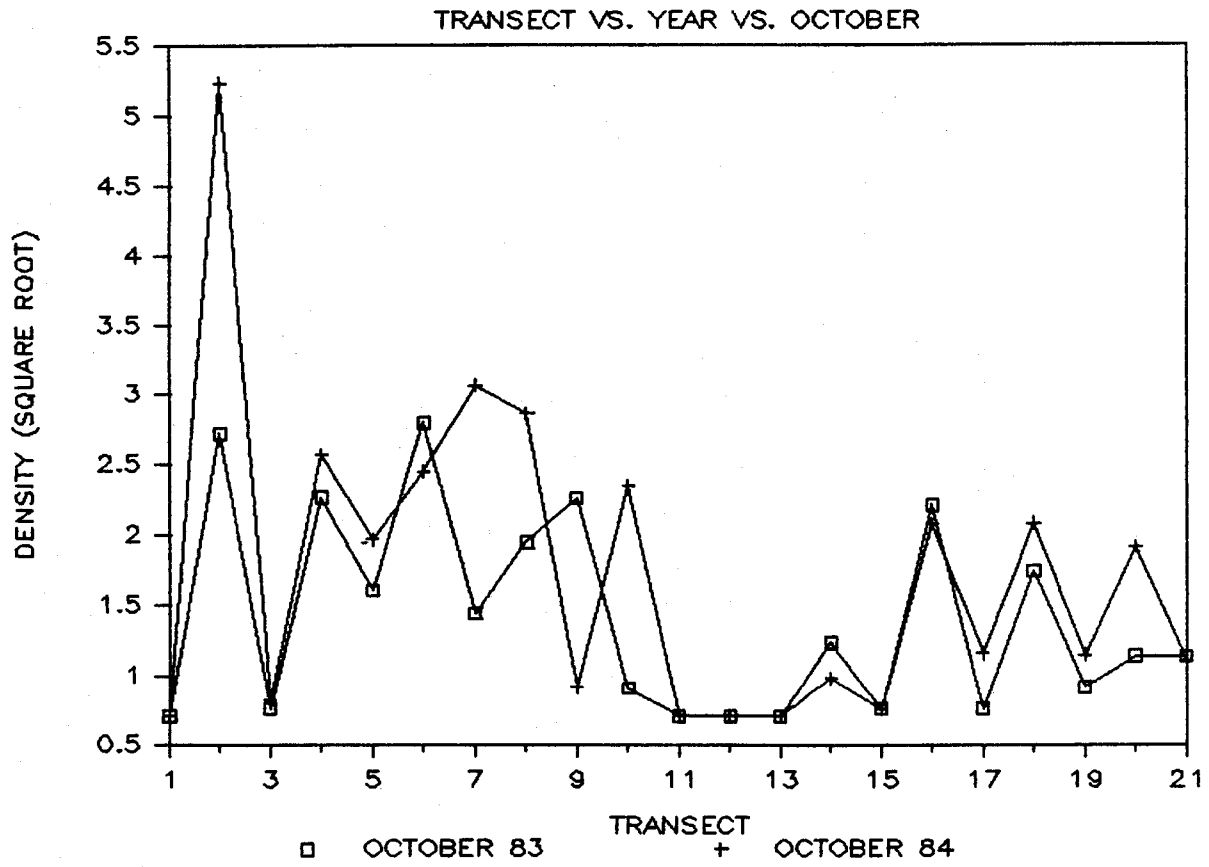

PHYSA DENSITY
TRANSECT VS. YEAR VS. OCTOBER
DENSITY (SQUARE ROOT)
5.5
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OCTOBER 83
OCTOBER 84

FIG. 63

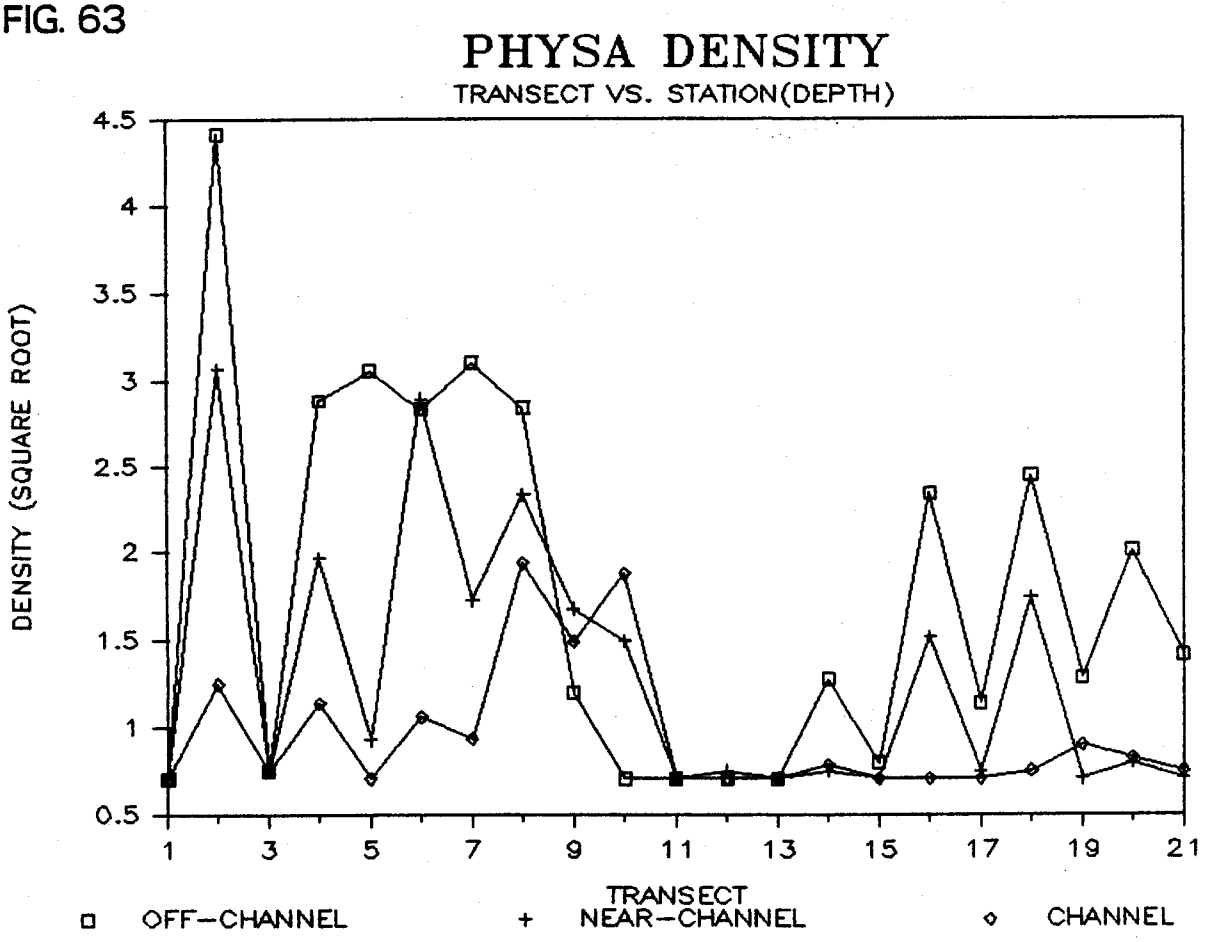

PHYSA DENSITY
TRANSECT VS. STATION(DEPTH)
DENSITY (SQUARE ROOT)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OFF-CHANNEL
NEAR-CHANNEL
CHANNEL

FIG. 64

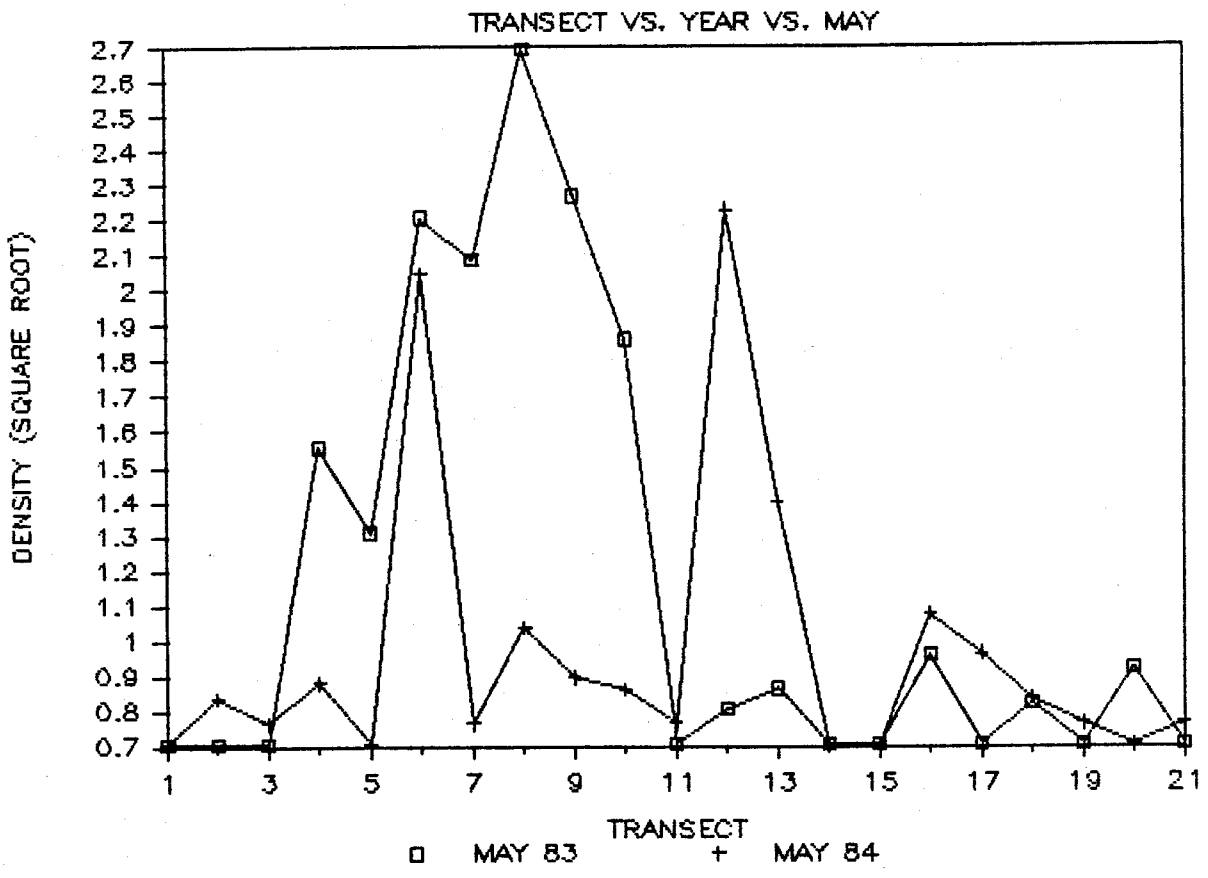

GYRAULUS DENSITY
TRANSECT VS. YEAR VS. MAY
DENSITY (SQUARE ROOT)
2.7
2.6
2.5
2.4
2.3
2.2
2.1
2
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
MAY 83
MAY 84

FIG. 65

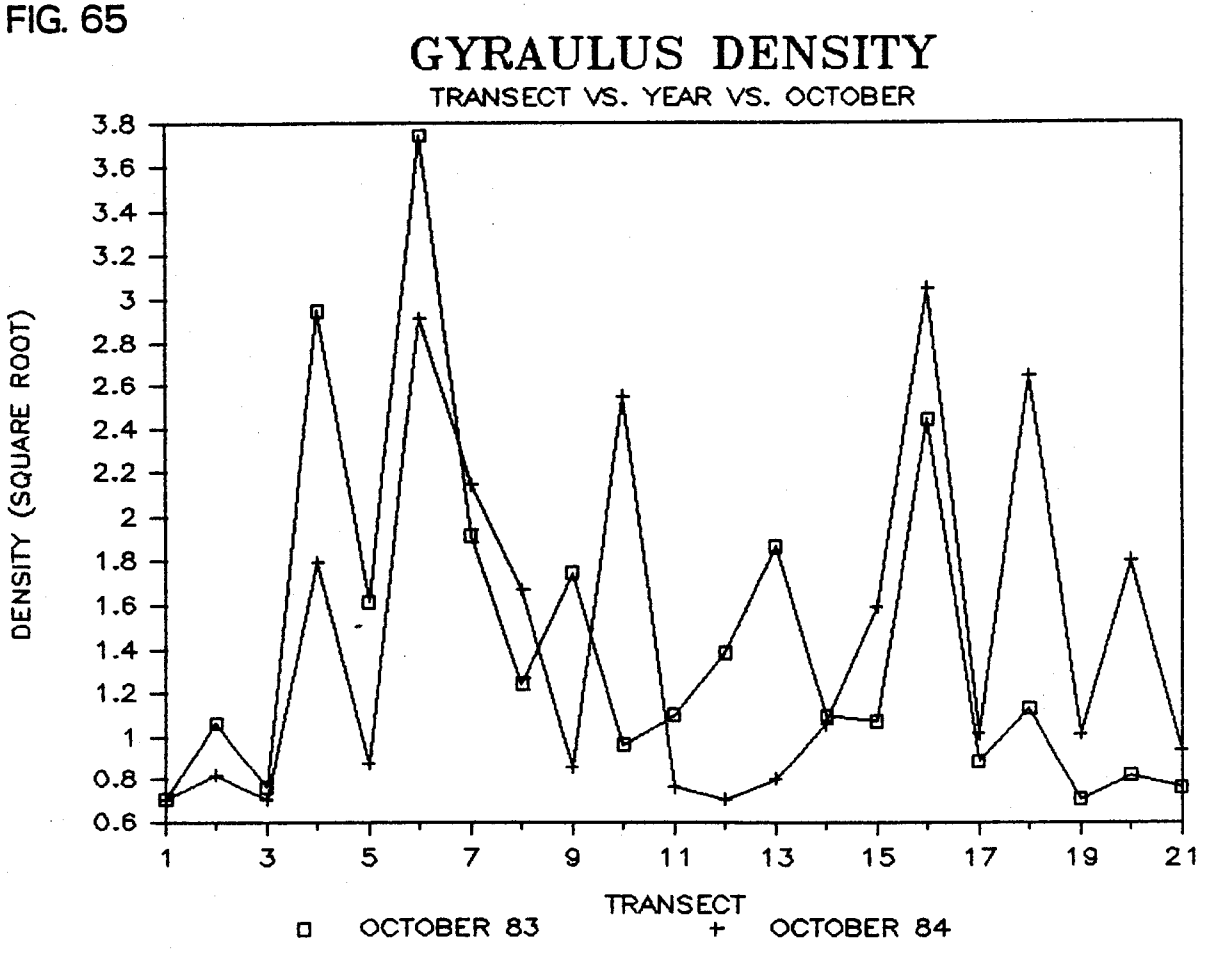

GYRAULUS DENSITY
TRANSECT VS. YEAR VS. OCTOBER
DENSITY (SQUARE ROOT)
3.8
3.6
3.4
3.2
3
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OCTOBER 83
OCTOBER 84

FIG. 66

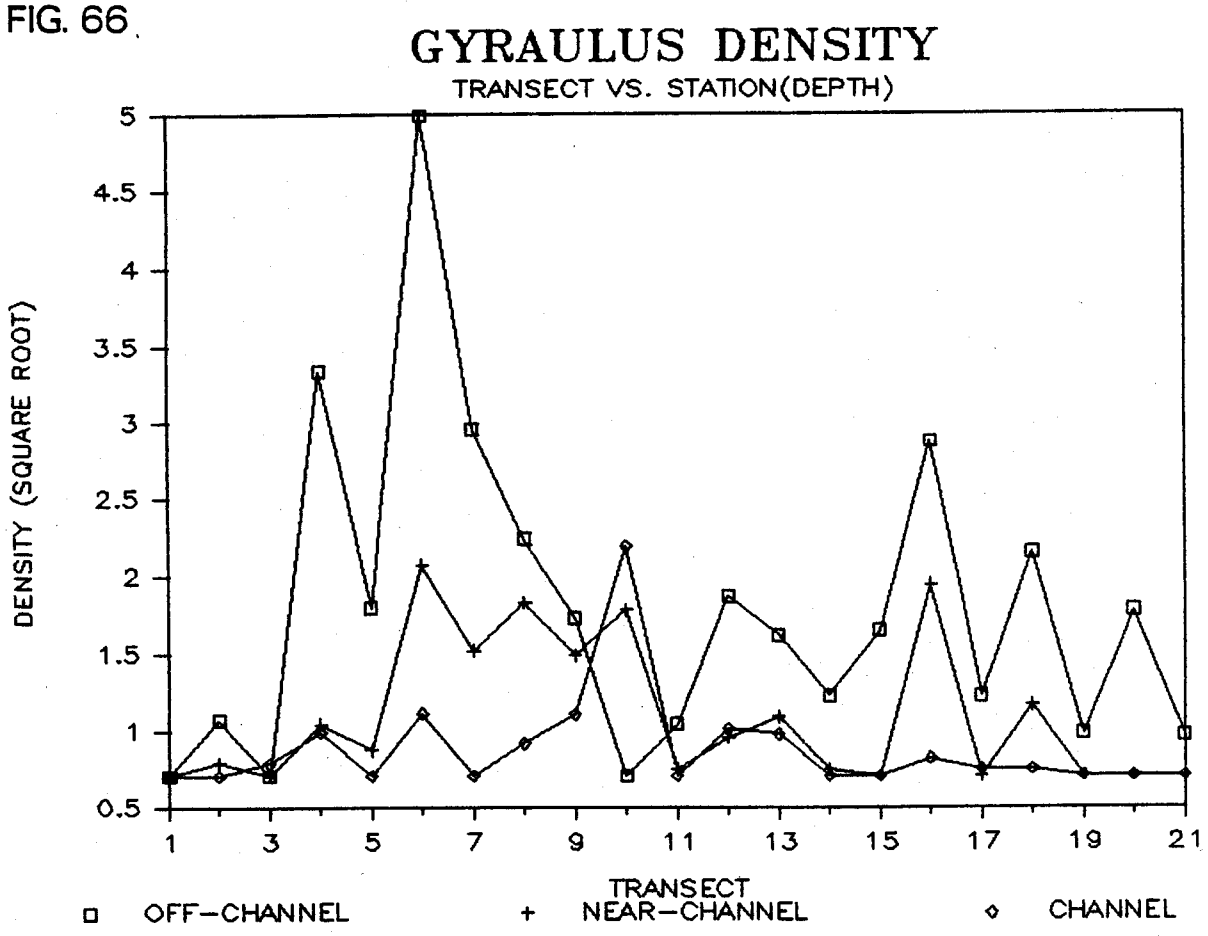

GYRAULUS DENSITY
TRANSECT VS. STATION(DEPTH)
DENSITY (SQUARE ROOT)
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OFF-CHANNEL
NEAR-CHANNEL
CHANNEL

FIG. 67

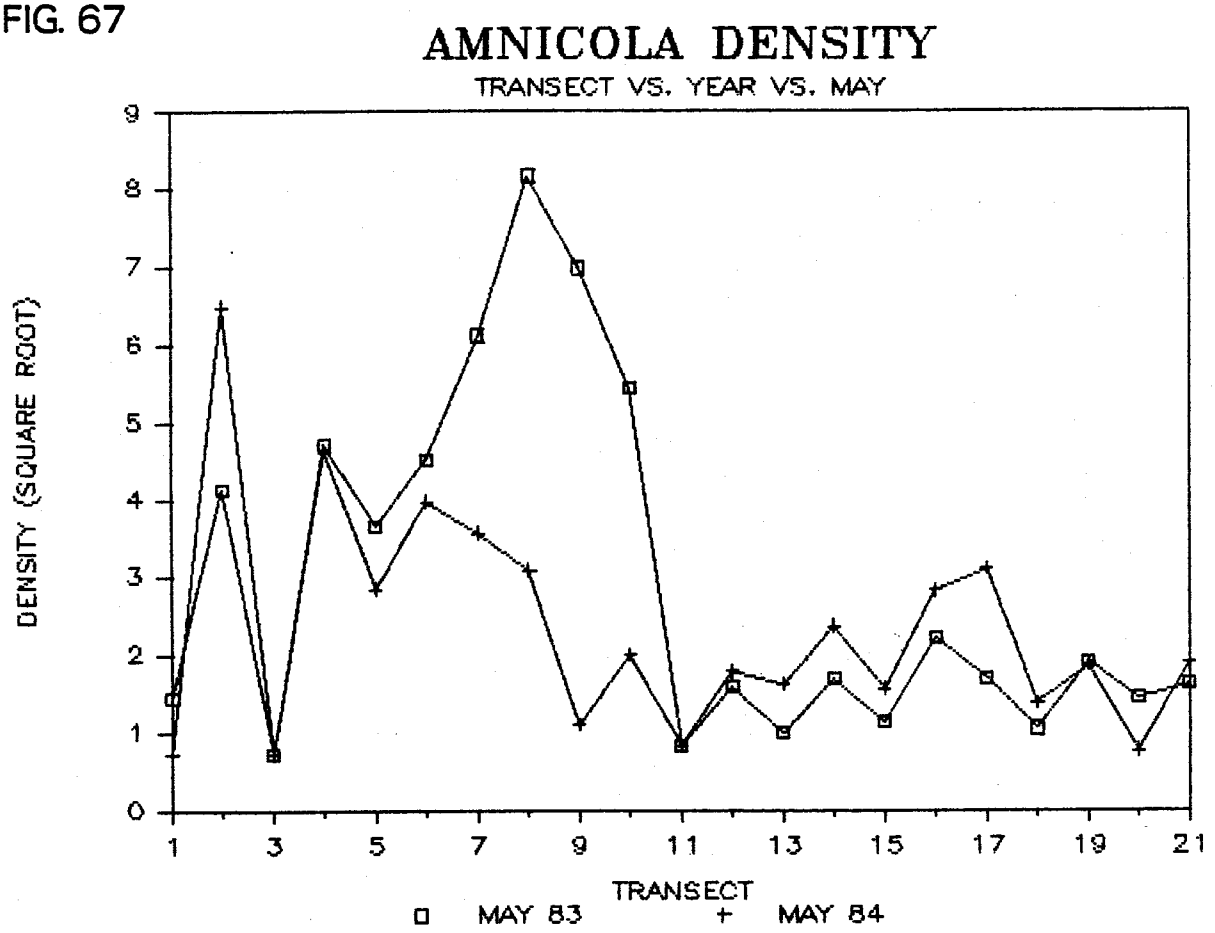

AMNICOLA DENSITY
TRANSECT VS. YEAR VS. MAY
DENSITY (SQUARE ROOT)
0
1
2
3
4
5
6
7
8
9
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
MAY 83
MAY 84

FIG. 68

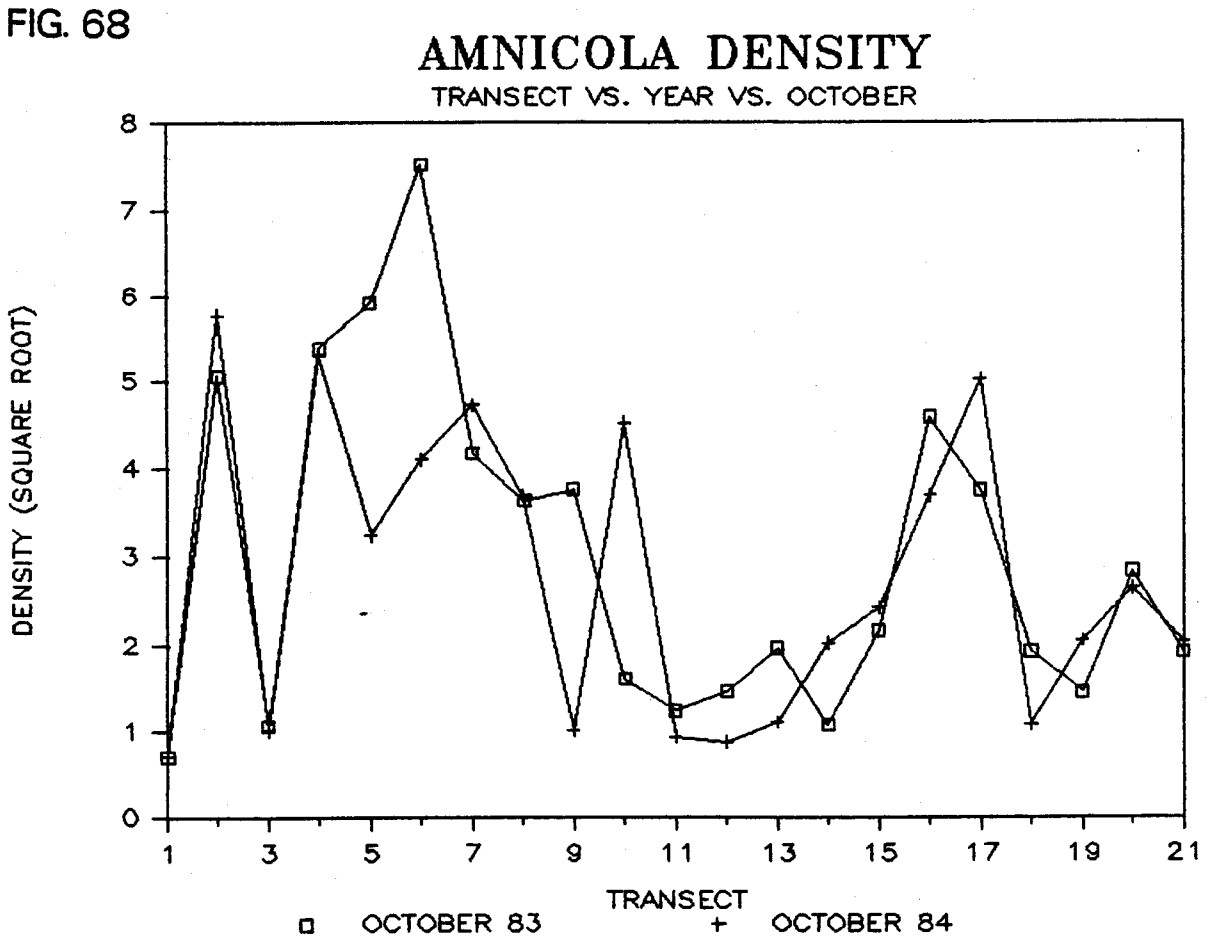

AMNICOLA DENSITY
TRANSECT VS. YEAR VS. OCTOBER
DENSITY (SQUARE ROOT)
0
1
2
3
4
5
6
7
8
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OCTOBER 83
OCTOBER 84

FIG. 69

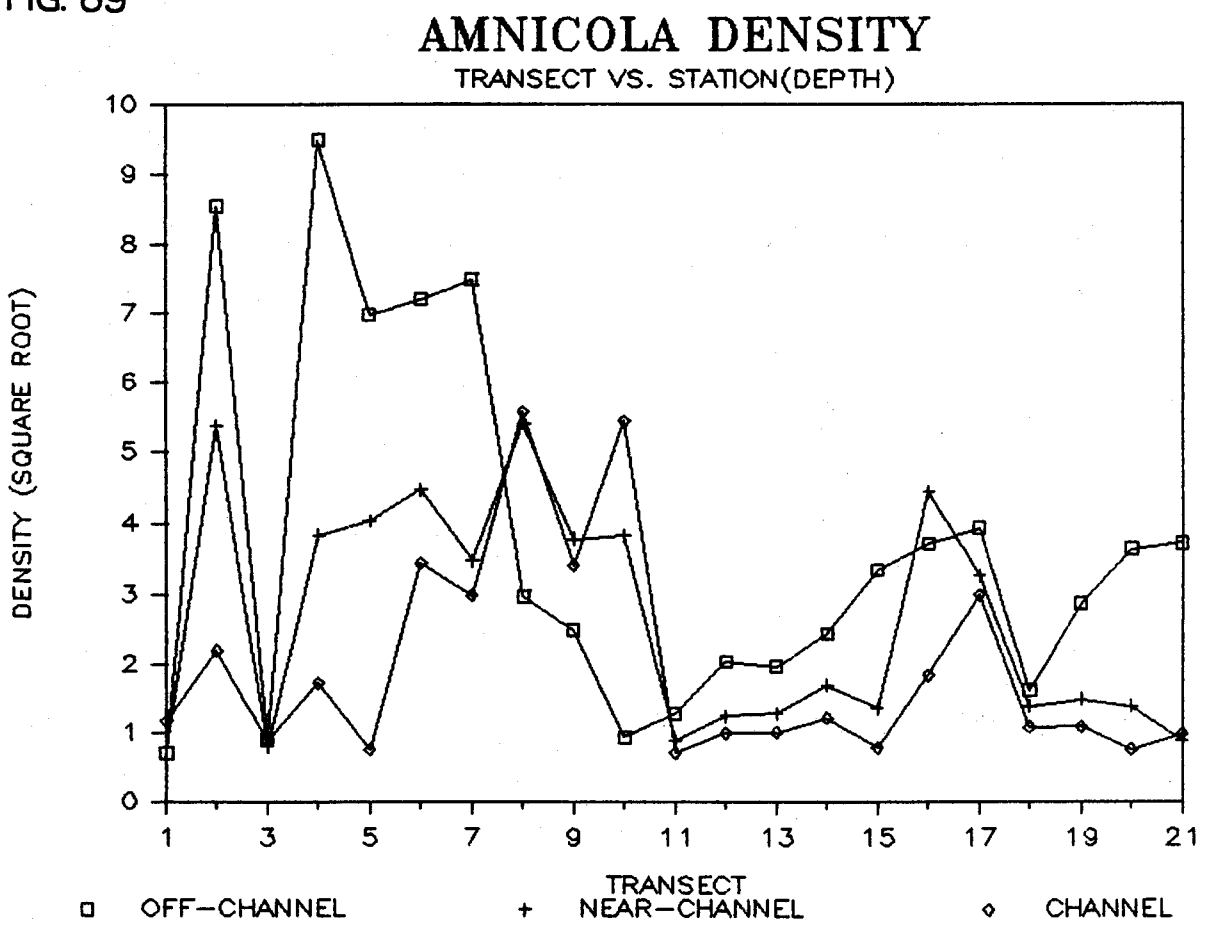

AMNICOLA DENSITY
TRANSECT VS. STATION(DEPTH)
DENSITY (SQUARE ROOT)
0
1
2
3
4
5
6
7
8
9
10
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OFF-CHANNEL
NEAR-CHANNEL
CHANNEL

FIG. 70

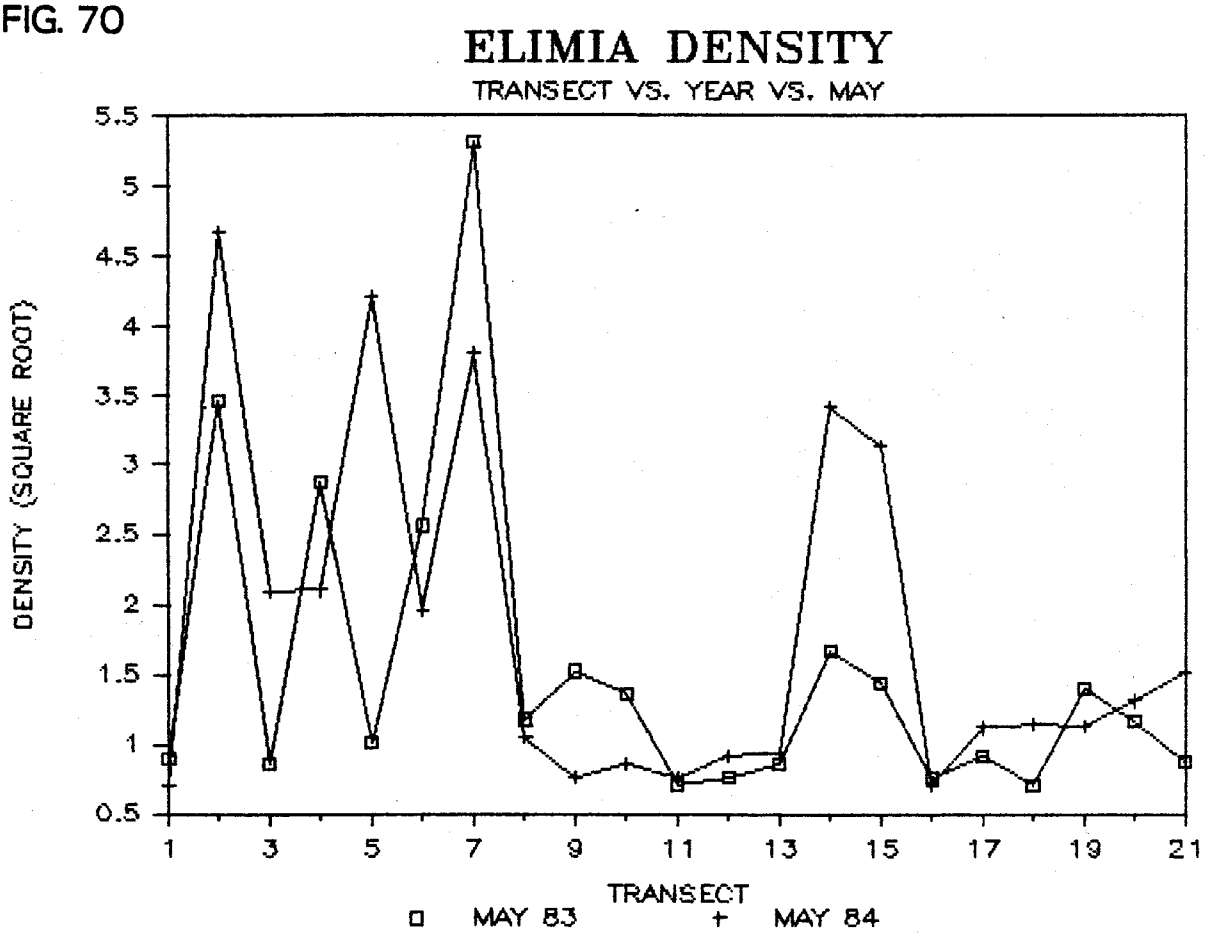

ELIMIA DENSITY
TRANSECT VS. YEAR VS. MAY
DENSITY (SQUARE ROOT)
5.5
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
MAY 83
MAY 84

FIG. 71

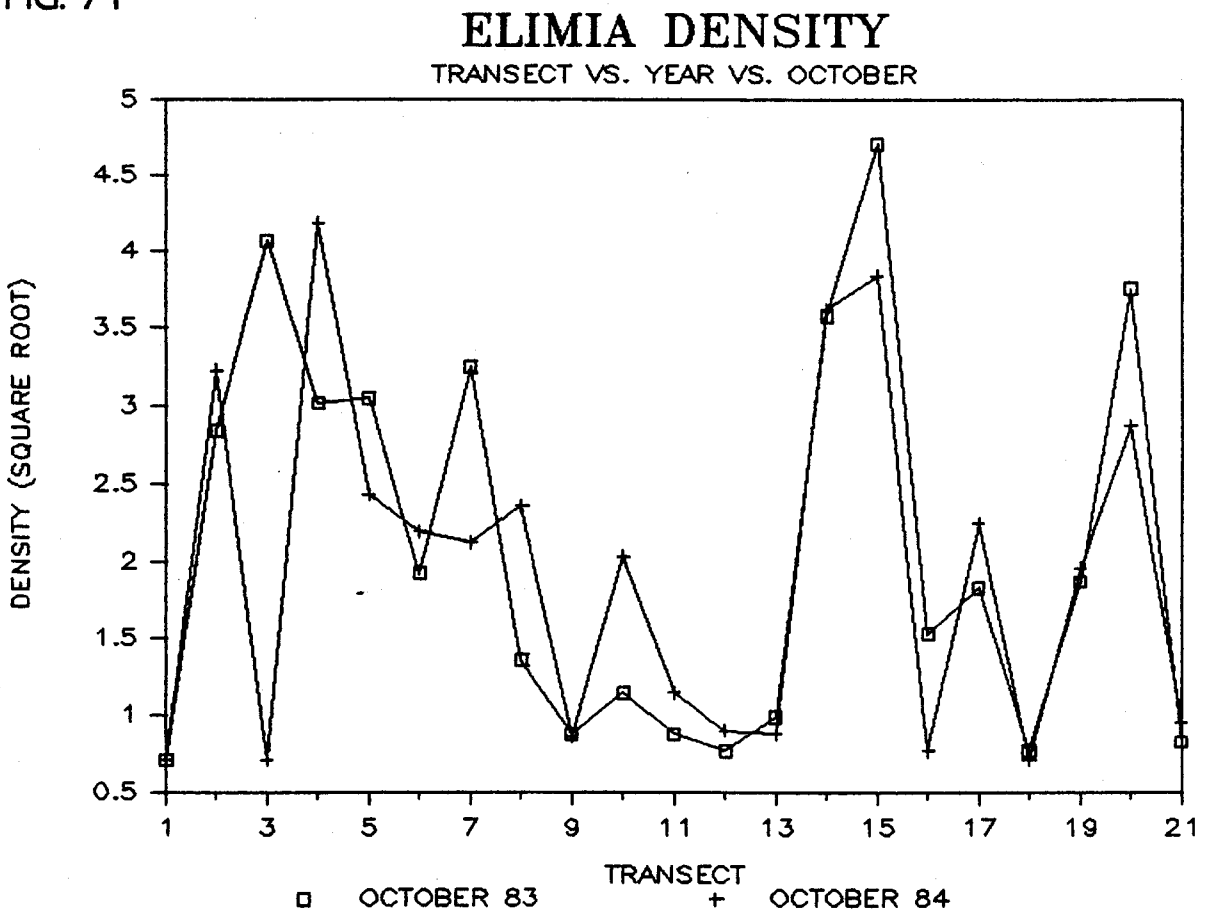

ELIMIA DENSITY
TRANSECT VS. YEAR VS. OCTOBER
DENSITY (SQUARE ROOT)
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OCTOBER 83
OCTOBER 84

FIG. 72

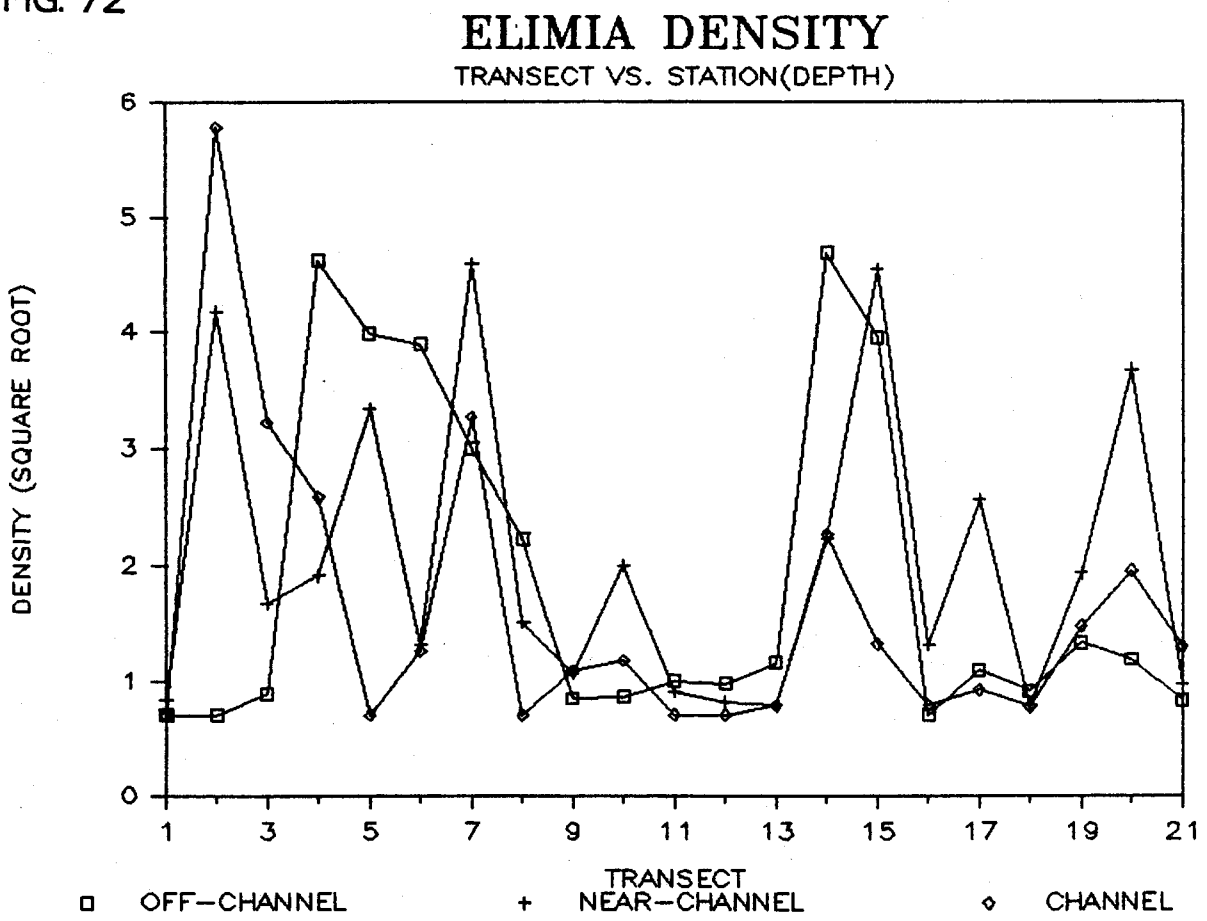

ELIMIA DENSITY
TRANSECT VS. STATION(DEPTH)
DENSITY (SQUARE ROOT)
0
1
2
3
4
5
6
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OFF-CHANNEL
NEAR-CHANNEL
CHANNEL

FIG. 73

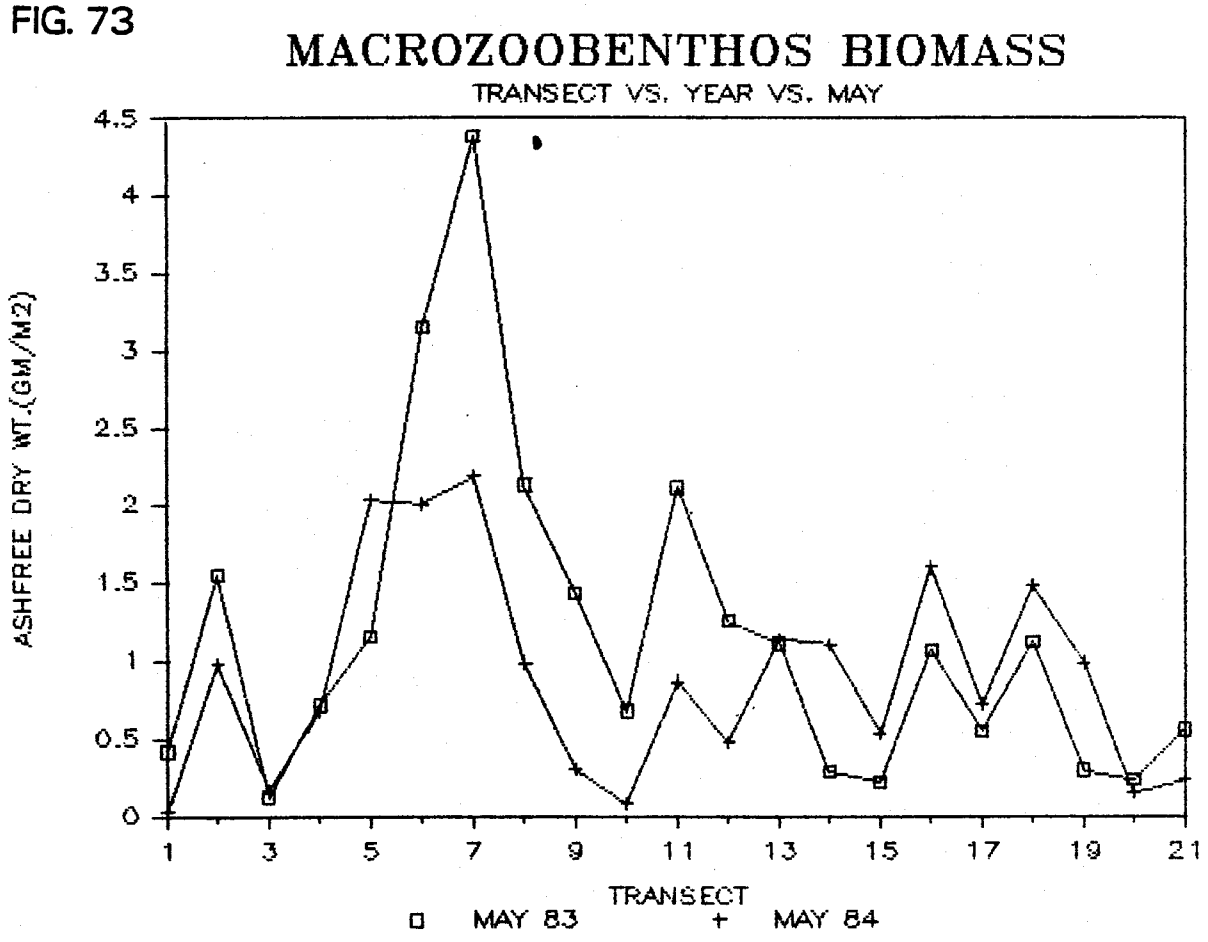

MACROZOOBENTHOS BIOMASS
TRANSECT VS. YEAR VS. MAY
ASHFREE DRY WT.(GM/M2)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
MAY 83
MAY 84

FIG. 74

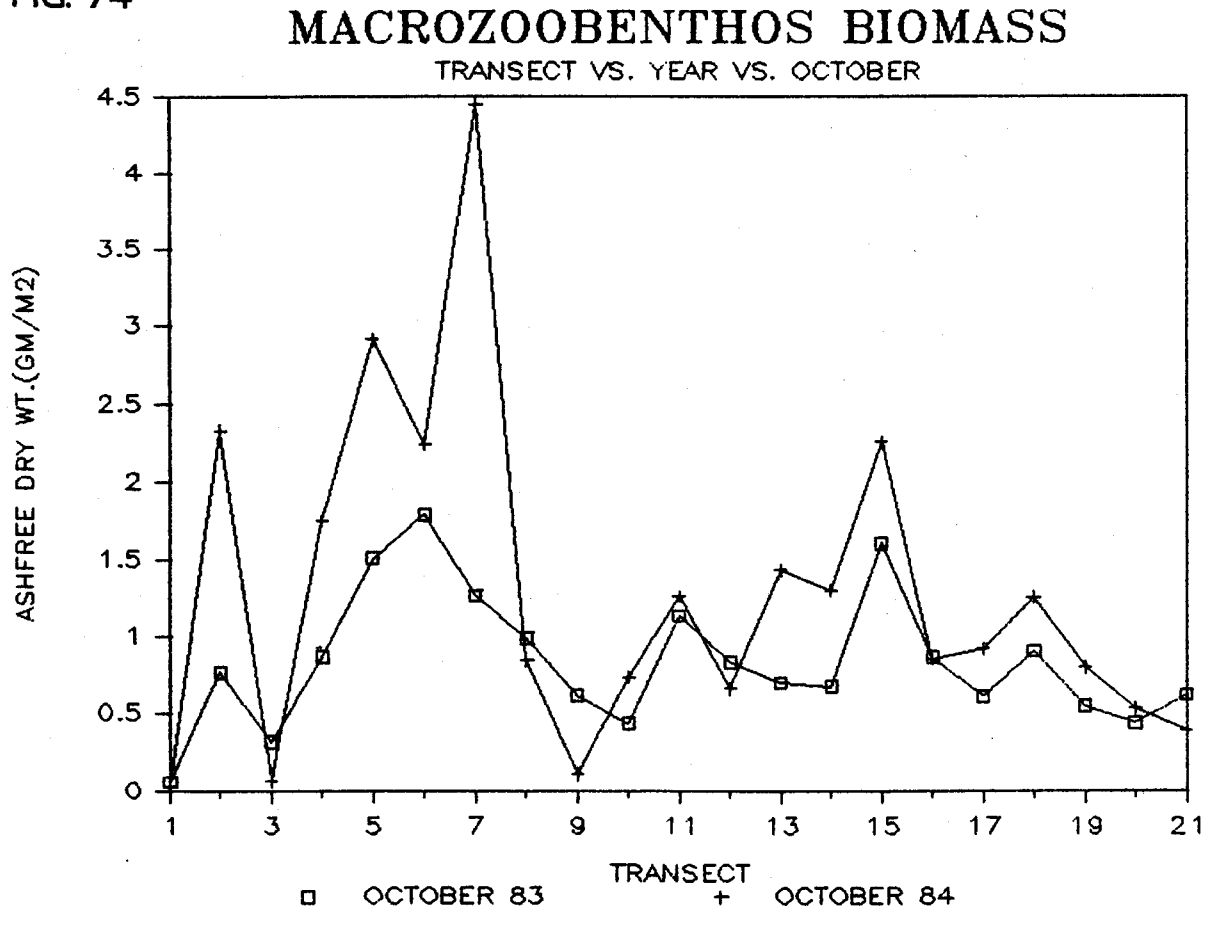
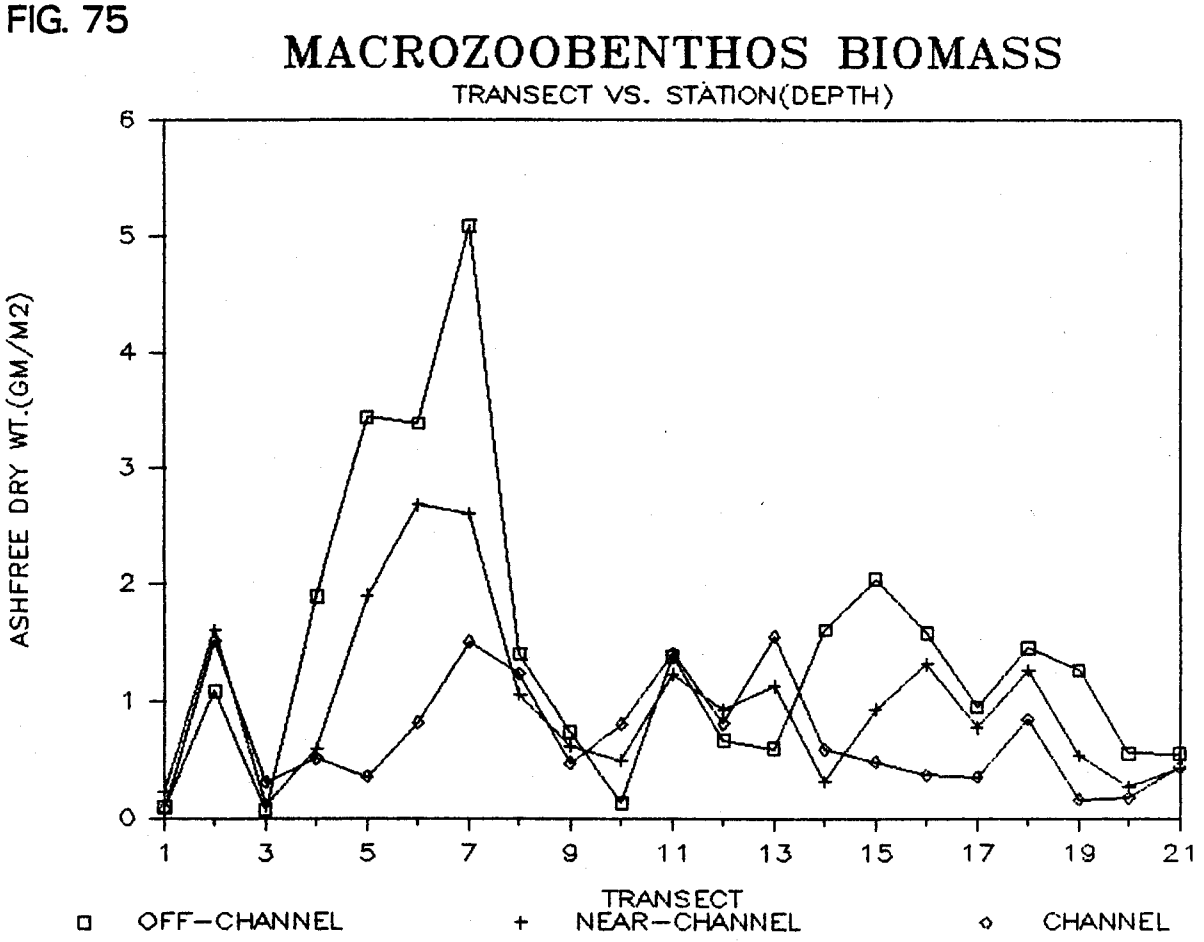

MACROZOOBENTHOS BIOMASS
TRANSECT VS. YEAR VS. OCTOBER
ASHFREE DRY WT.(GM/M2)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OCTOBER 83
OCTOBER 84

FIG. 75


MACROZOOBENTHOS BIOMASS
TRANSECT VS. STATION(DEPTH)
ASHFREE DRY WT.(GM/M2)
0
1
2
3
4
5
6
1
3
5
7
9
11
13
15
17
19
21
TRANSECT
OFF-CHANNEL
NEAR-CHANNEL
CHANNEL