

# LARVAL FISH IDENTIFICATION AND FISH EARLY LIFE HISTORY SCIENCE

## GROUP A2

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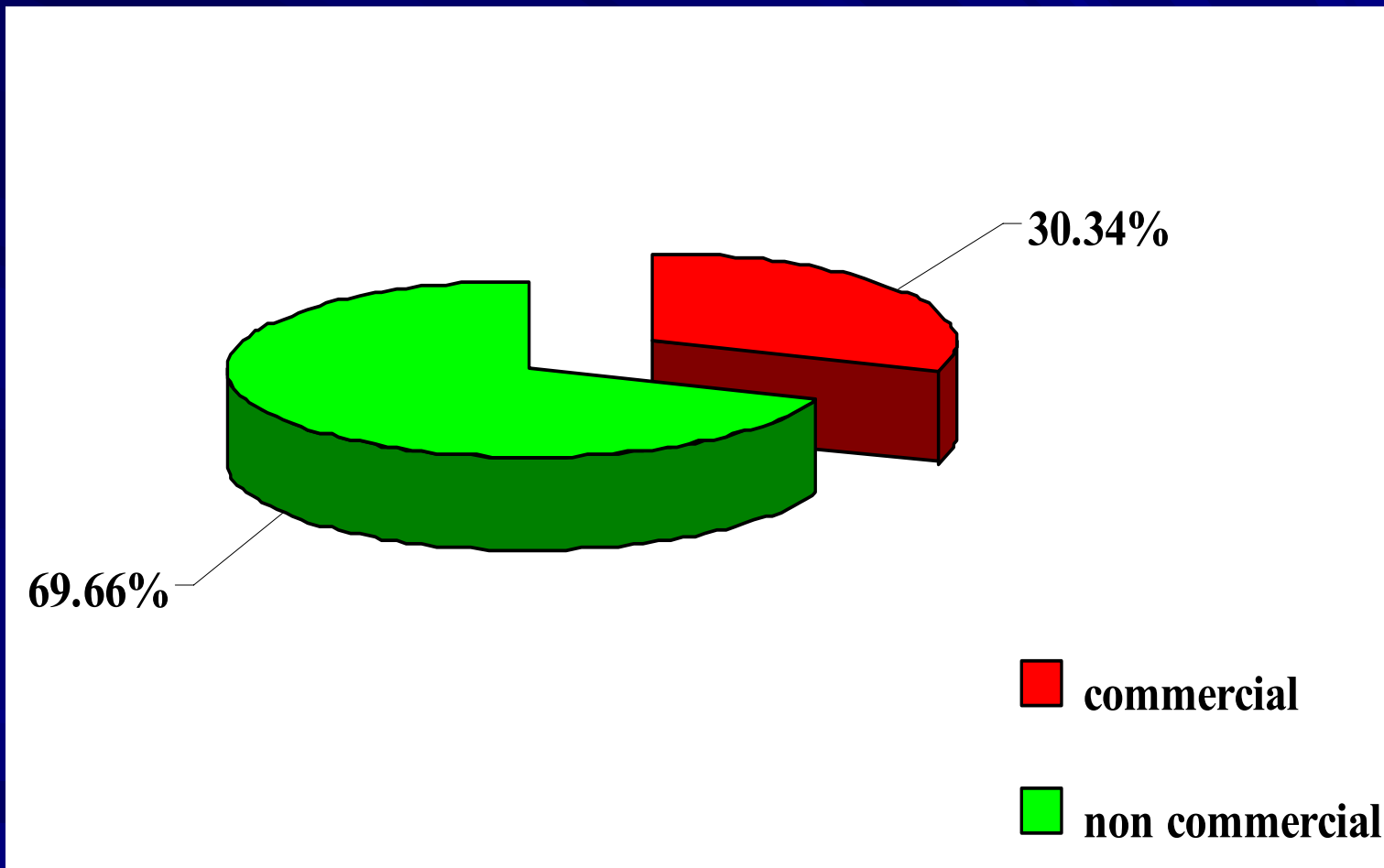


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# The juvenile fishes collected using push net

Family	Observed number (ind.)	Number/hours (ind./hr)	Composition (%)
<b>Atherinidae</b>	<b>16</b>	<b>368</b>	<b>11.03</b>
Engraulidae	3	69	2.07
Clupeidae	7	161	4.83
Mugilidae	2	46	1.38
<b>Belonidae</b>	<b>1</b>	<b>23</b>	<b>0.69</b>
<b>Ambassidae</b>	<b>1</b>	<b>23</b>	<b>0.69</b>
Carangidae	6	138	4.14
<b>Leiognathidae</b>	<b>83</b>	<b>1,909</b>	<b>57.24</b>
Sciaenidae	19	437	13.10
Teraponidae	4	92	2.76
Siganidae	2	46	1.38
Cynoglossidae	1	23	0.69
<b>Total</b>	<b>145</b>	<b>3,335</b>	<b>100</b>

# The juvenile fishes collected using push net



# Commercial fishes

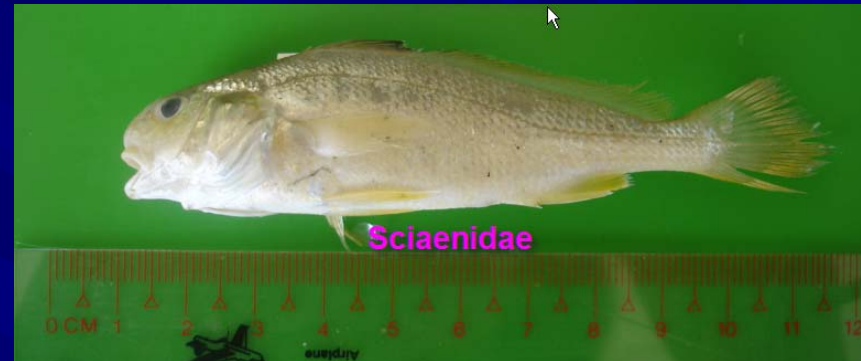


# Commercial fishes





# Commercial fishes



# Non commercial fishes

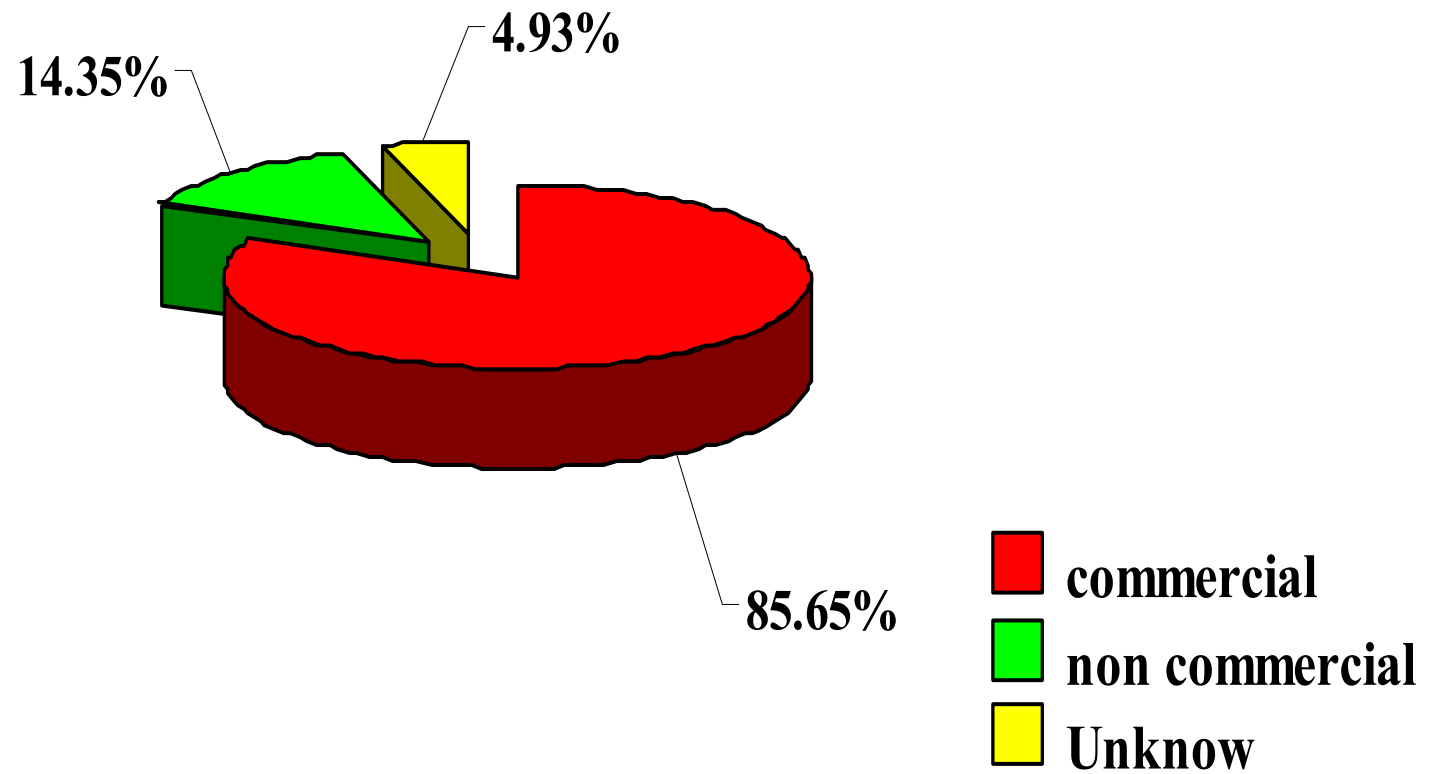


## The fish larvae composition from BONGO NET (330 $\mu\text{m}$ )

Family	Observed number (ind.)	density (ind./10 m <sup>2</sup> )	Composition (%)
<b>Eggs</b>	<b>563</b>	<b>794.62</b>	
<b>Atherinidae</b>	<b>2</b>	<b>2.82</b>	<b>0.90</b>
Engraulidae	159	224.41	71.30
Clupeidae	2	2.82	0.90
<b>Scorpaenidae</b>	<b>2</b>	<b>2.82</b>	<b>0.90</b>
<b>Apogonidae</b>	<b>8</b>	<b>11.29</b>	<b>3.59</b>
Sillaginidae	4	5.65	1.79
Carangidae	20	28.23	8.97
<b>Leiognathidae</b>	<b>1</b>	<b>1.41</b>	<b>0.45</b>
Gerreidae	1	1.41	0.45
Nemipteridae	2	2.82	0.90
<b>Callionymidae</b>	<b>5</b>	<b>7.06</b>	<b>2.24</b>
<b>Gobiidae</b>	<b>1</b>	<b>1.41</b>	<b>0.45</b>
<b>Bothidae</b>	<b>2</b>	<b>2.82</b>	<b>0.90</b>
Cynoglossidae	3	4.23	1.35
Unknow	11	15.53	4.93
<b>Total</b>	<b>223</b>	<b>314.74</b>	<b>100.00</b>



## Fish larvae composition from BONGO NET (330 $\mu\text{m}$ )



# Commercial fish larvae



**Engraulidae**



**Clupeidae**



**Sillaginidae**



**Carangidae**

# Commercial fish larvae



**Nemipteridae**



**Cynoclossidae**

# Non commercial fish larvae



Apogonidae



Scorpaenidae



Leiognathidae



Callinonymidae



# Non commercial fish larvae

Gobiidae



Bothiidae



Thank you

