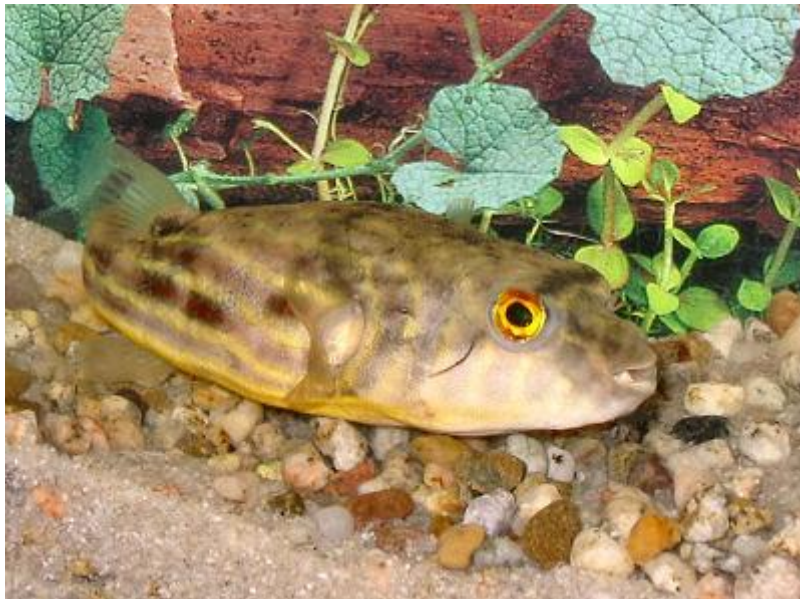


## Appendix ( 1): Pictures



*Tetradon fahaka sp.*



*Tetradon fahaka sp.*



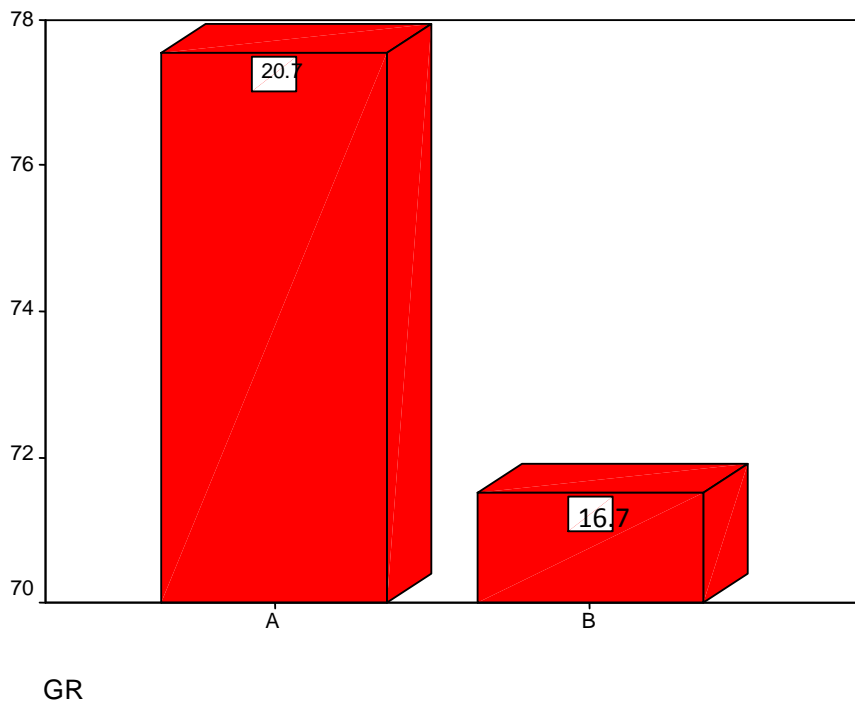
***Clarias gariepinus sp.***



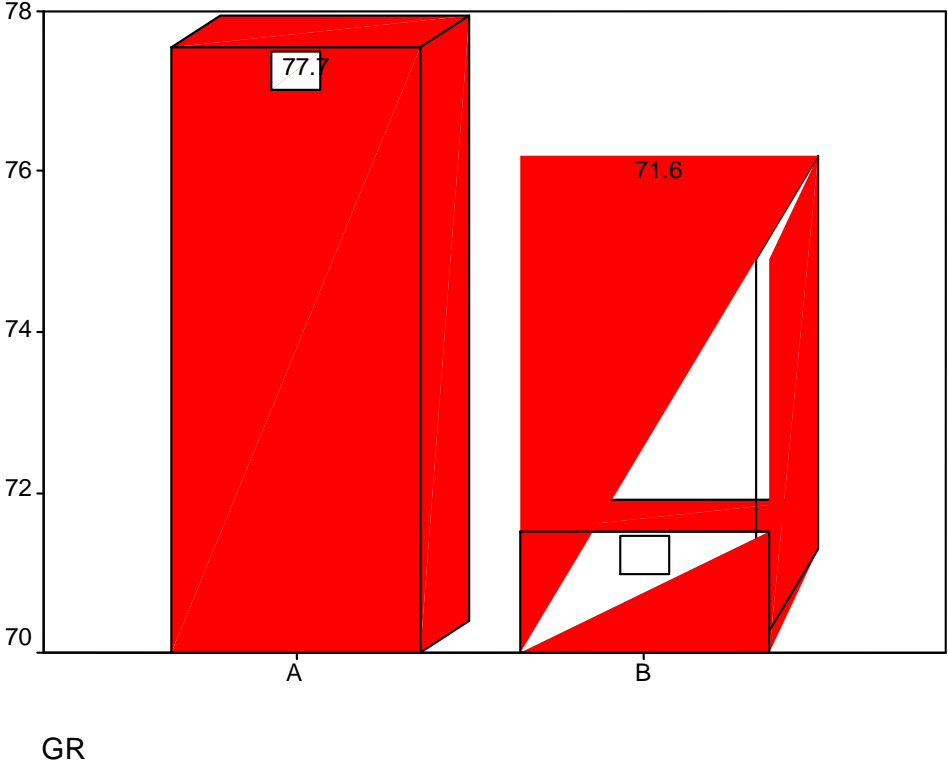
***Clarias gariepinus sp.***

**Appendix (2):**  
**Graph and figures**

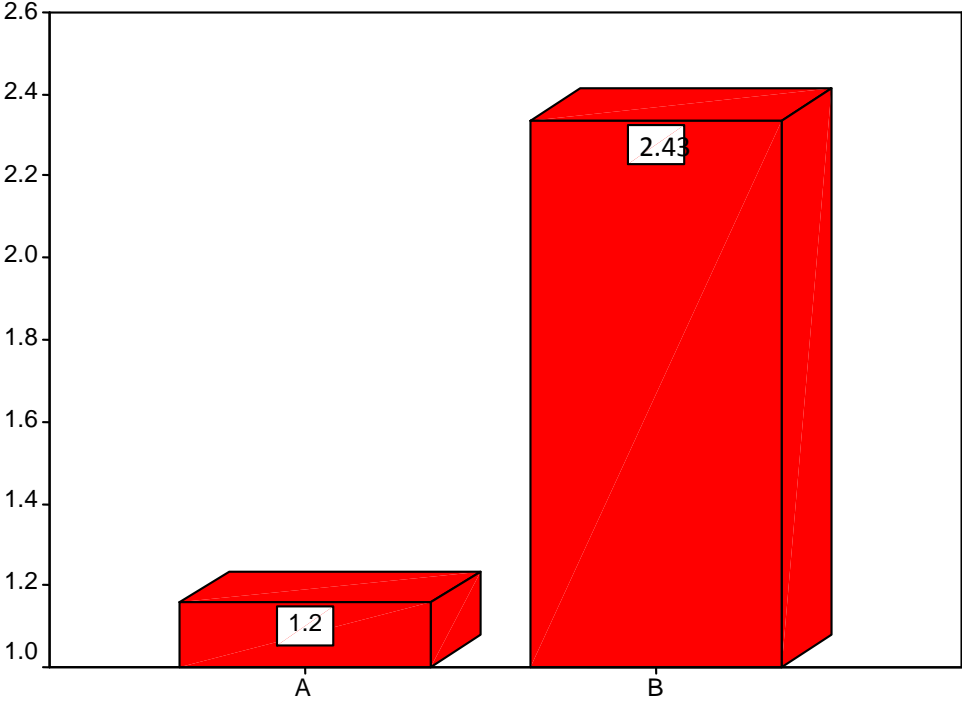
**Graph (1): The differences in protein percentages between the species (A) and species (B):**



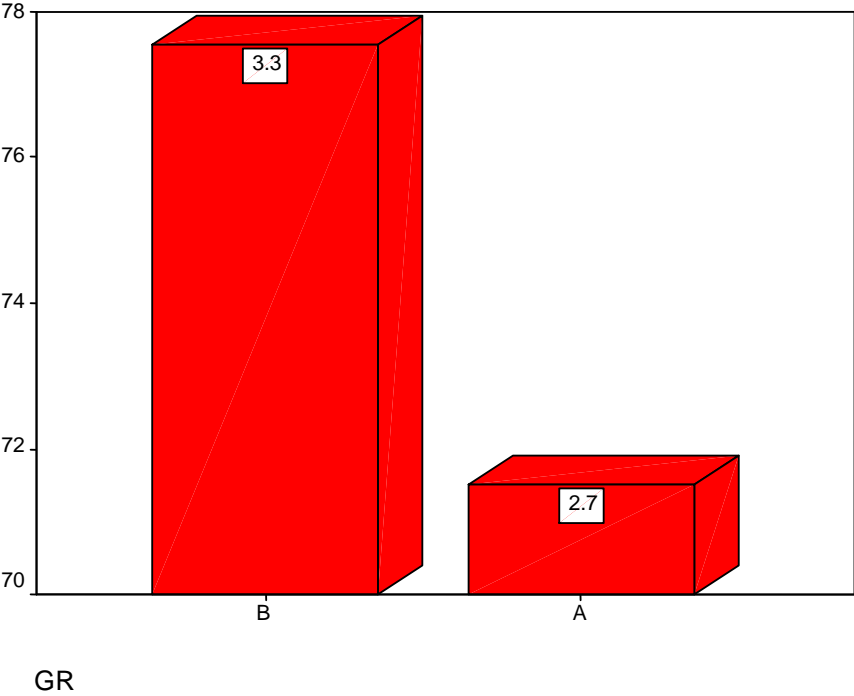
**Graph (5): The differences in moisture percentages between the species (A) and species (B):**



**Graph (5): The differences in fat percentages between the species (A) and species (B):**



**Graph (5): The differences in ash percentages between the species (A) and species (B):**



### Appendix (3)

#### GRADING CHART FOR SAUSAGE

Evaluate these samples for color, texture, flavor and juiciness . For each sample , use the appropriate scale to show your attitude by checking at the point that best describes your feeling about the sample . If you have any questions please ask . Thanks for your cooperation.

Name:.....

date :.....

Sample code	Color	Texture	Flavor	Juiciness	Comment
( )					
( )					
( )					

**BY :**

Color	Texture	Flavor	Juiciness
6/Extremely desirable . 5/ Very desirable . 4/Moderately desirable 3/ Slightly desirable . 2/ Slightly undesirable . 1/ Moderately undesirable	6/Extremely desirable 5/ Very desirable . 4/Moderately desirable . 3/ Slightly desirable . 2/ Slightly undesirable 1/ Moderately undesirable	6/Extremely desirable 5/ Very desirable . 4/Moderately desirable . 3/ Slightly desirable . 2/ Slightly undesirable . 1/ Moderately undesirable	6/Extremely desirable . 5/ Very desirable . 4/Moderately desirable . 3/ Slightly desirable . 2/ Slightly undesirable . 1/ Moderately undesirable

## APPENDIX (4)

### Tables

**Table (6):** Chemical and physical analysis values for (A) and (B) species:

	<b>Protein</b>	<b>Moisture</b>	<b>Fat</b>	<b>Ash</b>	<b>pH</b>	<b>Cooking loss</b>
<b>A</b>	<b>25.4</b>	<b>77.6</b>	<b>0.63</b>	<b>2.90</b>	<b>5.80</b>	<b>34.4</b>
	<b>17.6</b>	<b>77.5</b>	<b>0.93</b>	<b>2.50</b>	<b>7.00</b>	<b>30.6</b>
	<b>19.3</b>	<b>77.8</b>	<b>1.90</b>	<b>2.90</b>	<b>5.10</b>	<b>30.5</b>
<b>B</b>	<b>15.7</b>	<b>77.5</b>	<b>1.93</b>	<b>2.80</b>	<b>6.60</b>	<b>19.1</b>
	<b>18.0</b>	<b>61.8</b>	<b>2.36</b>	<b>3.30</b>	<b>5.80</b>	<b>30.5</b>
	<b>16.5</b>	<b>75.6</b>	<b>3.00</b>	<b>3.90</b>	<b>5.80</b>	<b>27.6</b>