# **Collected samples data**

|  |  |  |  |
| --- | --- | --- | --- |
| Code No | Total length (cm) | Body weight (g) | GUT weight (g) |
| HN1 | 26.1 | 98.21 | 3.98 |
| HN2 | 23.4 | 90.34 | 3.21 |
| HN3 | 28.6 | 99.63 | 4.11 |
| HN4 | 30.3 | 110.65 | 5.23 |
| HN5 | 25.1 | 95.23 | 4.01 |
| HN6 | 23.9 | 93.43 | 3.41 |
| HN7 | 31.8 | 120.21 | 6.11 |
| HN8 | 23.7 | 90.56 | 3.53 |
| HN9 | 22.6 | 80.21 | 2.98 |
| HN10 | 27.6 | 97.32 | 4.02 |
| HN11 | 29.6 | 108.23 | 5.21 |
| HN12 | 35.2 | 152.21 | 6.34 |
| HN13 | 31.6 | 111.45 | 5.21 |
| HN14 | 34.9 | 145.21 | 6.01 |
| HN15 | 27.2 | 101.87 | 3.98 |

Table: Measurement of *Harpadon nehereus* (Hamilton 1822) specimen

|  |  |  |  |
| --- | --- | --- | --- |
| Code No | Total length (cm) | Body weight (g) | GuT weight (g) |
| TJ1 | 22.9 | 135.32g | 6.86g |
| TJ2 | 23.6 | 140.31g | 7.31g |
| TJ3 | 28.6 | 192.23g | 9.12g |
| TJ4 | 27.5 | 190.12g | 8.23g |
| TJ5 | 21.2 | 125.54g | 4.12g |
| TJ6 | 19.4 | 108.23g | 5.71g |
| TJ7 | 17.3 | 108.23g | 3.92g |
| TJ8 | 18.4 | 110.23g | 4.01g |
| TJ9 | 36.8 | 222.21 | 12.32g |
| TJ10 | 35.3 | 220.23 | 11.11g |
| TJ11 | 18.9 | 93.08g | 3.58g |
| TJ12 | 20.5 | 120.03g | 4.21g |
| TJ13 | 19.7 | 115.98g | 5.81g |
| TJ14 | 12.5 | 37.50g | 2.89g |
| TJ15 | 36 | 221.23g | 11.23g |

Table: Measurement of [*Terapon jarbua* (Forsskål 1775)](https://indiabiodiversity.org/species/list?taxon=62900) specimen

Max length : 36.0 cm TL male/unsexed; (Ref. 9710);

common length : 25.0 cm SL male/unsexed;

males and females of T.jarbua, minimum length and weight groups were in the range between12.5 to 37.5 cm and total weight (TW) 75.3 to 473.2 g,

while in females,the size range between 12.1 to 36.9 cm TL a

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|  |  |  |  |
| --- | --- | --- | --- |
| Code No | Total length (cm) | Body weight (g) | GIT weight (g) |
| GG1 | 13.21 | 12.78g | 2.17 |
| GG2 | 18.8 | 30.72g | 3.50 |
| GG3 | 23.3 | 40.02g | 4.31 |
| GG4 | 22.1 | 38.01g | 3.98 |
| GG5 | 19.3 | 31.07g | 3.70 |
| GG6 | 24.6 | 45.11g | 4.91 |
| GG7 | 15.2 | 19.32g | 2.28 |
| GG8 | 13.7 | 14.68g | 1.81 |
| GG9 | 12.1 | 12.21g | 1.61 |
| GG10 | 15.5 | 22.79g | 2.32 |
| GG11 | 22.4 | 40.35g | 4.23 |
| GG12 | 18.9 | 28.23g | 3.60 |
| GG13 | 20.8 | 34.46g | 3.91 |
| GG14 | 16.7 | 20.23g | 2.97 |
| GG15 | 14.2 | 15.89g | 2.01 |

Table: Measurement of *Glossogobius giuris* (Hamilton 1822) specimen

|  |  |  |  |
| --- | --- | --- | --- |
| Code No | Total length (cm) | Bod y weight (g) | GIT weight (g) |
| JM1 | 15.7 | 75.34g | 3.02g |
| JM2 | 15.9 | 70.65g | 4.21g |
| JM3 | 16.2 | 80.76g | 5.01g |
| JM4 | 18.6 | 97.56g | 6.33g |
| JM5 | 20.8 | 120.62g | 7.80g |
| JM6 | 18.2 | 90.65g | 6.21g |
| JM7 | 22.2 | 133.65g | 8.21g |
| JM8 | 23.7 | 135.32g | 8.23g |
| JM9 | 24.5 | 140.04g | 8.50g |
| JM10 | 24.8 | 160.23 | 8.53g |
| JM11 | 23.5 | 134.01g | 9.56g |
| JM12 | 17.6 | 88.72g | 6.21g |
| JM13 | 21.3 | 125.00g | 7.21g |
| JM14 | 18.5 | 95.93g | 7.21g |
| JM15 | 19.2 | 110.00g | 8.11g |

Table: Measurement of *Johnius macropterus* (Bleeker 1853) specimen

|  |  |  |  |
| --- | --- | --- | --- |
| Code No | Total length (cm) | Body weight (g) | GIT weight (g) |
| MM1 | 5.2 | 4.72g | 0.76g |
| MM2 | 6.1 | 5.23g | 0.84g |
| MM3 | 5.1 | 4.12g | 0.66g |
| MM4 | 7.3 | 5.23g | 0.84g |
| MM5 | 8.2 | 6.41g | 1.03g |
| MM6 | 4.1 | 3.15g | 0.51g |
| MM7 | 3.5 | 2.20g | 0.35g |
| MM8 | 7.9 | 6.23g | 1.01g |
| MM9 | 6.8 | 6.11g | 0.98g |
| MM10 | 4.2 | 3.21g | 0.52g |
| MM11 | 5.0 | 4.11g | 0.66g |
| MM12 | 7.5 | 5.23g | 0.84g |
| MM13 | 4.2 | 2.23g | 0.25g |
| MM14 | 7.5 | 6.43g | 1.03g |
| MM15 | 8.2 | 7.23g | 1.16g |

Table: Measurement of [*Metapenaeus monoceros* (Fabricius 1798)](https://indiabiodiversity.org/species/list?taxon=75708) specimen

|  |  |  |  |
| --- | --- | --- | --- |
| Code No | Total length (cm) | Body weight (g) | GIT weight (g) |
| MM1 |  |  |  |
| MM2 |  |  |  |
| MM3 |  |  |  |
| MM4 |  |  |  |
| MM5 |  |  |  |
| MM6 |  |  |  |
| MM7 |  |  |  |
| MM8 |  |  |  |
| MM9 |  |  |  |
| MM10 |  |  |  |
| MM11 |  |  |  |
| MM12 |  |  |  |
| MM13 |  |  |  |
| MM14 |  |  |  |
| MM15 |  |  |  |

Table: Measurement of [*Metapenaeus monoceros* (Fabricius 1798)](https://indiabiodiversity.org/species/list?taxon=75708) specimen

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Code No | Total length (cm) | Body weight (g) | GIT weight (g) | |
| PS1 | 10.53 | 9.23 | 0.97 |
| PS2 | 9.70 | 8.11 | 0.82 |
| PS3 | 10.41 | 8.47 | 0.89 |
| PS4 | 9.12 | 8.85 | 0.95 |
| PS5 | 8.44 | 8.35 | 0.83 |
| PS6 | 10.85 | 9.21 | 0.96 |
| PS7 | 7.68 | 5.02 | 0.40 |
| PS8 | 15.36 | 31.96 | 1.20 |
| PS9 | 10.27 | 8.23 | O.81 |
| PS10 | 14.3 | 27.16 | 1.03 |
| PS11 | 15.O | 28.3 | 1.07 |
| PS12 | 16.61 | 39.91 | 1.10 |
| PS13 | 7.68 | 3.34 | 0.35 |
| PS14 | 16.65 | 39.89 | 1.30 |
| PS15 | 15.01 | 26.96 | 0.89 |

Table: Measurement of *Parapenaeopsis sculptilis* (Heller 1862) specimen

|  |  |  |  |
| --- | --- | --- | --- |
| Code No | Total length (cm) | Body weight (g) | GIT weight (g) |
| ES1 | 5.1 | 8.23 | 0.73 | |
| ES2 | 6.2 | 16.21 | 1.32 | |
| ES3 | 5.5 | 8.95 | 0.89 | |
| ES4 | 6.3 | 17.23 | 1.54 | |
| ES5 | 7.2 | 19.71 | 1.76 | |
| ES6 | 8.9 | 30.23 | 1.87 | |
| ES7 | 7.5 | 20.01 | 1.24 | |
| ES8 | 8.4 | 25.64 | 1.81 | |
| ES9 | 9.2 | 32.34 | 1.97 | |
| ES10 | 8.2 | 23.98 | 1.48 | |
| ES11 | 7.4 | 20.20 | 1.25 | |
| ES12 | 4.9 | 8.00 | 0.71 | |
| ES13 | 7.5 | 9.47 | 0.70 | |
| ES14 | 9.0 | 35.28 | 1.50 | |
| ES15 | 8.4 | 20.46 | 1.46 | |

Table: Measurement of [*palaemon styliferus* (H. Milne-Edwards 1840)](https://indiabiodiversity.org/species/list?taxon=75854) specimen