



**Pulau Tikus Island**

Gambar 1. Peta lokasi penelitian Pulau Tikus Gugusan Pulau Pari.



Gambar 2. Metode transek kuadrat di Pulau Tikus.

Tabel 1. Komposisi famili dan spesies kepiting Brachyura.

|  |  |  |
| --- | --- | --- |
| **Family** | **Spesies** | **TOTAL SPESIES** |
| **Barat** | **Utara** | **Timur**  | **Selatan** |
| Portunidae | *Thalamita crenata* | 14 | 5 | 6 | 6 |
|  | *Thalamita integra* | 9 | 3 | 5 | 1 |
|  | *Thalamita admete* | 5 | 0 | 4 | 4 |
|  | *Thalamita cooperi* | 0 | 0 | 1 | 2 |
|  | *Portunus granulatus* | 2 | 1 | 0 | 0 |
|   | *Portunus* sp.  | 0 | 3 | 0 | 0 |
| Majidae | *Tiarinia angusta* | 0 | 0 | 1 | 0 |
|  | *Menaethius monoceros* | 4 | 3 | 3 | 1 |
|   | *Micippa* sp. | 3 | 1 | 1 | 0 |
| Galenidae | *Halimede fragifer* | 0 | 1 | 0 | 0 |
| Dromiidae | *Dromidia* sp.  | 0 | 0 | 1 | 0 |
| Calappidae | *Calappa bicornis* | 0 | 0 | 0 | 1 |
| Ocypodidae | *Ocypode stimpsoni* | 0 | 1 | 0 | 5 |
| Grapsidae | *Pachygrapsus plicatus* | 1 | 0 | 0 | 0 |
| Porcellanidae | *Petrolisthes asiaticus* | 0 | 0 | 1 | 0 |
| *Psidia serratifrons* | 1 | 1 | 9 | 1 |
| Macrophthalmidae | *Macrophthalmus boscii*  | 0 | 1 | 0 | 1 |
| Xanthidae | *Xanthias* sp. | 1 | 0 | 0 | 0 |
| *Euxanthus exsculptus* | 0 | 1 | 0 | 0 |
| *Xanthias lamarcki* | 1 | 0 | 0 | 0 |
| *Pilodius areolatus* | 4 | 4 | 7 | 1 |
| *Chlorodiella nigra* | 2 | 1 | 1 | 1 |
| *Etisus* sp. | 2 | 0 | 1 | 0 |
| *Chlorodiella* sp. | 2 | 0 | 2 | 0 |
| *Platypodia granulosa* | 0 | 0 | 1 | 0 |
| *Leptodius exaratus* | 0 | 0 | 0 | 1 |
| *Actaeodes tomentosus* | 0 | 0 | 3 | 0 |
| *Atergatis floridus* | 0 | 1 | 1 | 0 |
| *Banareia* sp. | 4 | 0 | 0 | 0 |
| Pilumnidae | *Pilumnus vespertilio* | 10 | 4 | 0 | 0 |
| *Pilodius granulatus* | 2 | 0 | 5 | 1 |
| *Heteropilumnus ciliatus* | 0 | 0 | 4 | 1 |
| *Actumnus squamosus* | 2 | 1 | 0 | 0 |
| *Actumnus* sp. | 0 | 0 | 0 | 1 |
| **Total of individuals crab** | **69** | **32** | **57** | **28** |
| **Total species** |  | **18** | **16** | **19** | **15** |

Gambar 3. Nilai indeks keanekaragaman (H’) dan dominansi (D).

Gambar 4. Nilai indeks kemerataan Pielou (J).

Gambar 5. Nilai keseluruhan indeks keanekaragaman (H’), dominansi (D) dan kemerataan Pielou (J).