

**Pengadaan Keramba Apung dan Rumah Atraktor Cumi untuk Pengembangan**

**Wisata Bahari Berbasis Konservasi Hayati**

**PT Pertamina Patra Niaga Fuel Terminal Tanjung Gerem**

| No                   | Nama Ilmiah                    | Nama Lokal         | Status Perlindungan          |      |       |                          |      |       |       |       | Satuan          |
|----------------------|--------------------------------|--------------------|------------------------------|------|-------|--------------------------|------|-------|-------|-------|-----------------|
|                      |                                |                    | Permen LHK No 106 Tahun 2018 | IUCN | CITES | 2022                     | 2023 | 2024  | 2025  | 2026* |                 |
| 1                    | <i>Sepioteuthis lessoniana</i> | Cumi-cumi Karang   | -                            | -    | -     | Program Belum Terlaksana |      | 12    | 14    | 16    | Individu (Ekor) |
| 2                    | <i>Sepia</i> sp.               | Cumi-cumi Blakutak | -                            | -    | -     |                          |      | 17    | 19    | 21    | Individu (Ekor) |
| Jumlah Jenis         |                                |                    |                              |      |       | 0.00                     | 0.00 | 2.00  | 2     | 2     | Spesies         |
| Jumlah Fauna         |                                |                    |                              |      |       | 0.00                     | 0.00 | 29.00 | 33    | 37    | Individu (Ekor) |
| Jumlah Individu      |                                |                    |                              |      |       | 0.00                     | 0.00 | 29.00 | 33    | 37    | Individu        |
| Indeks H'            |                                |                    |                              |      |       | 0.00                     | 0.00 | 0.678 | 0.682 | 0.684 | H' Indeks       |
| Luas Area Konservasi |                                |                    |                              |      |       | 0.00                     | 0.00 | 2.885 | 2.885 | 2.885 | Ha              |

Keterangan :

Status Perlindungan berdasarkan kategori :

- Peraturan Menteri LHK Nomor 106 tahun 2018 tentang Jenis Tumbuhan dan Satwa Liar yang Dilindungi, v = dilindungi; -= tidak dilindungi
- IUCN Red List of Threatened Species, CR (Critically Endangered/Kritis), EN (Endangered/Genting), VU (Vulnerable/Rentan), NT (Near Threatened/Hampir Terancam), LC (Least Concern/Risiko Rendah)
- CITIES App I = Appendix I, App II = Appendix II, App III = Appendix III, - = No Appendix

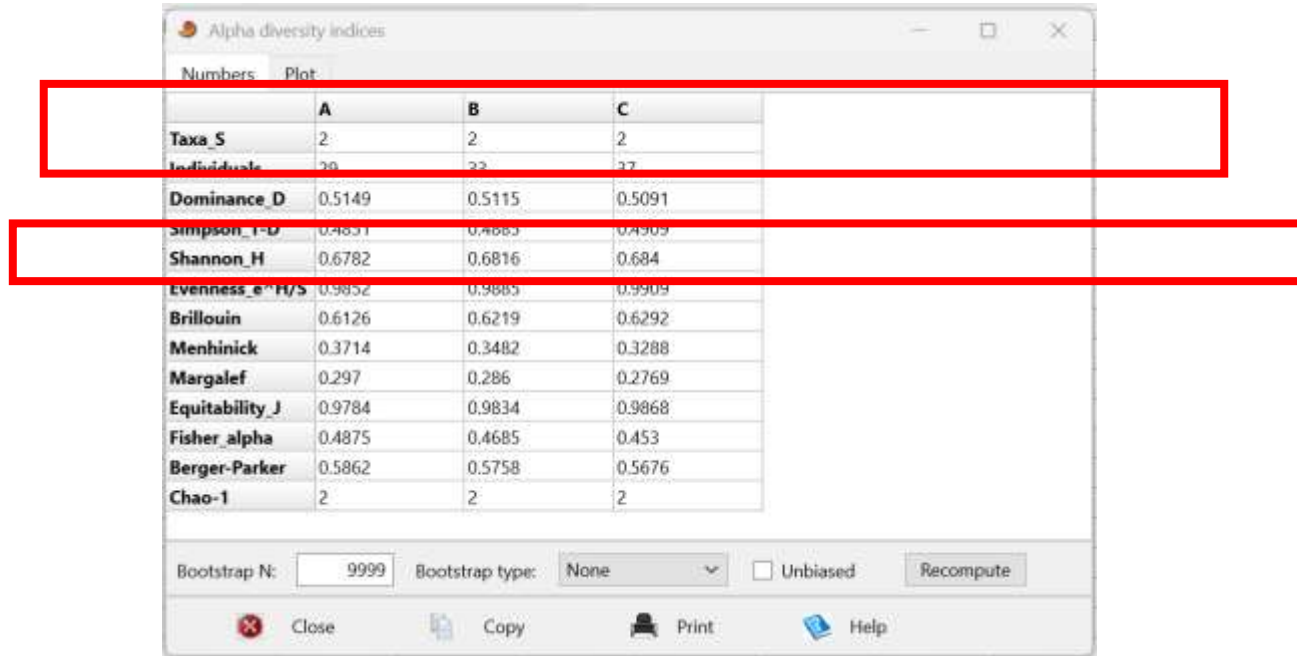
\*Data sampai Bulan Juni 2026

\*Telah diverifikasi PT SUCOFINDO (PERSERO)

Fuel Terminal Tanjung Gerem

| No    | Nama Ilmiah             | Nama Lokal         | 2022                     |    |    |                 | 2023            |    |    |                 | 2024            |       |        |                 | 2025            |       |        |                 | 2026*           |        |        |                 |
|-------|-------------------------|--------------------|--------------------------|----|----|-----------------|-----------------|----|----|-----------------|-----------------|-------|--------|-----------------|-----------------|-------|--------|-----------------|-----------------|--------|--------|-----------------|
|       |                         |                    | Jumlah Individu          | Pi | Ln | H'=-<br>(Pi*Ln) | Jumlah Individu | Pi | Ln | H'=-<br>(Pi*Ln) | Jumlah Individu | Pi    | Ln     | H'=-<br>(Pi*Ln) | Jumlah Individu | Pi    | Ln     | H'=-<br>(Pi*Ln) | Jumlah Individu | Pi     | Ln     | H'=-<br>(Pi*Ln) |
| 1.    | Sepioteuthis lessoniana | Cumi-cumi Karang   | Program Belum Terlaksana |    |    |                 |                 |    |    |                 | 12              | 0.414 | -0.882 | 0.365           | 14              | 0.424 | -0.857 | 0.364           | 16              | 0.432  | -0.838 | 0.363           |
| 2.    | Sepia sp.               | Cumi-cumi Blakutak |                          |    |    |                 |                 |    |    |                 | 17              | 0.586 | -0.534 | 0.313           | 19              | 0.576 | -0.552 | 0.318           | 21              | 0.568  | -0.566 | 0.321           |
| Total |                         |                    |                          |    |    |                 |                 |    |    |                 | 29              |       |        |                 | 0.6782          | 33    |        |                 |                 | 0.6816 | 37     |                 |

Perhitungan  $H'$  menggunakan bantuan aplikasi PAST. Berikut tampilan perhitungan  $H'$  menggunakan aplikasi PAST:



|                           | A      | B      | C      |
|---------------------------|--------|--------|--------|
| Taxa_S                    | 2      | 2      | 2      |
| Individuals               | 20     | 22     | 27     |
| Dominance_D               | 0.5149 | 0.5115 | 0.5091 |
| Simpson_1-D               | 0.4831 | 0.4683 | 0.4909 |
| Shannon_H                 | 0.6782 | 0.6816 | 0.684  |
| Evenness_e <sup>H/S</sup> | 0.9852 | 0.9883 | 0.9909 |
| Brillouin                 | 0.6126 | 0.6219 | 0.6292 |
| Menhinick                 | 0.3714 | 0.3482 | 0.3288 |
| Margalef                  | 0.297  | 0.286  | 0.2769 |
| Equitability_J            | 0.9784 | 0.9834 | 0.9868 |
| Fisher_alpha              | 0.4875 | 0.4685 | 0.453  |
| Berger-Parker             | 0.5862 | 0.5758 | 0.5676 |
| Chao-1                    | 2      | 2      | 2      |

Bootstrap N: 9999 Bootstrap type: None ☐ Unbiased Recompute

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#### Keterangan :

Taxa\_S = Jumlah Jenis

#### Pengkategorian nilai $H'$ menurut Maguran (1988):

- Kategori Tinggi =  $H' > 3,5$
- Kategori Sedang =  $1,5 > H' > 3,5$
- Kategori Rendah =  $H' < 1,5$