

## Program BATARI PATRA (Biodiversity In-situ Aviary)

| No                         | Nama Ilmiah                   | Nama Lokal           | Status Konservasi |                               |        | Tahun                    |       |       |       |       | Satuan    |
|----------------------------|-------------------------------|----------------------|-------------------|-------------------------------|--------|--------------------------|-------|-------|-------|-------|-----------|
|                            |                               |                      | IUCN              | PerMen LHK No. 106 Tahun 2018 | CITES  | 2022                     | 2023  | 2024  | 2025  | 2026* |           |
| 1                          | <i>Agapornis lilianae</i> *** | Lovebirds            | NT                | -                             | AP II  | Program Belum Terlaksana | 23    | 27    | 32    | 35    | Ekor      |
| 2                          | <i>Pycnonotus goiavier</i>    | Merbah Cerukcuk      | LC                | -                             | NA     |                          | 2     | 5     | 8     | 12    | Ekor      |
| 3                          | <i>Geopelia striata</i>       | Perkutut             | LC                | -                             | NA     |                          | 10    | 20    | 25    | 28    | Ekor      |
| 4                          | <i>Gallicrex cinerea</i>      | Ayam-ayaman          | LC                | -                             | NA     |                          | 11    | 17    | 23    | 26    | Ekor      |
| 5                          | <i>Numididae</i>              | Ayam Mutiara         | LC                | -                             | NA     |                          | 6     | 14    | 17    | 21    | Ekor      |
| 6                          | <i>Oriolus chinensis</i>      | Kepodang             | LC                | -                             | NA     |                          | 2     | 4     | 6     | 9     | Ekor      |
| 7                          | <i>Garrulax leucolophus</i> * | Burung Poksay        | LC                | v                             | AP III |                          | 2     | 3     | 4     | 6     | Ekor      |
| 8                          | <i>Copsychus saularis</i>     | Murai Air            | LC                | -                             | NA     |                          | 2     | 5     | 7     | 10    | Ekor      |
| 9                          | <i>Cyprinus rubrofuscus</i>   | Ikan Koi             | LC                | -                             | NA     |                          | 30    | 40    | 42    | 43    | Ekor      |
| 10                         | <i>Columbidae</i>             | Burung Dara          | LC                | -                             | NA     |                          | 4     | 6     | 10    | 15    | Ekor      |
| 11                         | <i>Sturnus unicolor</i>       | Jalak Suren          | LC                | -                             | NA     |                          | 0     | 1     | 2     | 4     | Ekor      |
| 12                         | <i>Acridotheres javanicus</i> | Jalak Kebo           | VU                | -                             | NA     |                          | 0     | 1     | 2     | 4     | Ekor      |
| 13                         | <i>Pycnonotus aurigaster</i>  | Kutilang             | LC                | -                             | NA     |                          | 0     | 2     | 5     | 8     | Ekor      |
| 14                         | <i>Zoothera citrina</i>       | Anis Jawa            | LC                | -                             | NA     |                          | 0     | 1     | 2     | 4     | Ekor      |
| 15                         | <i>Leucopsar rothschildi</i>  | Jalak Bali           | CR                | -                             | AP I   |                          | 0     | 1     | 1     | 3     | Ekor      |
| 16                         | <i>Scissirostrum dubium</i>   | Jalak tunggir-merah  | LC                | -                             | NA     |                          | 0     | 1     | 2     | 4     | Ekor      |
| 17                         | <i>Pericrocotus miniatus</i>  | Sepah gunung         | LC                | -                             | NA     |                          | 0     | 1     | 1     | 3     | Ekor      |
| 18                         | <i>Gracula robusta</i>        | Jalak Nias           | CR                | v                             | AP II  |                          | 0     | 1     | 2     | 4     | Ekor      |
| 19                         | <i>Cinnyris jugularis</i>     | Burung Madu Sriganti | LC                | -                             | NA     |                          | 0     | 1     | 2     | 4     | Ekor      |
| Jumlah Individu            |                               |                      |                   |                               |        | 0                        | 92    | 151   | 193   | 243   | Ekor      |
| Jumlah Jenis               |                               |                      |                   |                               |        | 0                        | 10    | 19    | 19    | 19    | Spesies   |
| Indeks Shannon-Wiener (H') |                               |                      |                   |                               |        | 0                        | 1.854 | 2.245 | 2.389 | 2.577 | Indeks H' |
| Luas Area                  |                               |                      |                   |                               |        | 0                        | 0.02  | 0.02  | 0.02  | 0.02  | Ha        |

## Integrated Terminal Balongan

### 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)
- CITES (Convention of International Trade in Endangered Species of Wild Fauna and Flora) ; Ap I = Appendix I ; Ap II = Appendix II ; Ap III = Appendix III ; NA = No Appendix)

\* Data Bulan Januari-Juni 2026

\* Telah diverifikasi PT SUCOFINDO (PERSERO)

| No    | Nama Ilmiah                    | Nama lokal           | Hasil Perhitungan Indeks Keanekaragaman Hayati (H') |                 |                    |        |           |                 |                    |        |           |                 |                    |        |           |                 |                    |        |           |
|-------|--------------------------------|----------------------|-----------------------------------------------------|-----------------|--------------------|--------|-----------|-----------------|--------------------|--------|-----------|-----------------|--------------------|--------|-----------|-----------------|--------------------|--------|-----------|
|       |                                |                      | 2022                                                | 2023            |                    |        |           | 2024            |                    |        |           | 2025            |                    |        |           | 2026*           |                    |        |           |
|       |                                |                      |                                                     | Jumlah Individu | Pi                 | Ln(Pi) | Pi*Ln(Pi) | Jumlah Individu | Pi                 | Ln(Pi) | Pi*Ln(Pi) | Jumlah Individu | Pi                 | Ln(Pi) | Pi*Ln(Pi) | Jumlah Individu | Pi                 | Ln(Pi) | Pi*Ln(Pi) |
| 1     | <i>Agapornis lilianae</i> ***  | Lovebirds            | Program Belum Terlaksana                            | 23              | 0.250              | -1.386 | -0.347    | 27              | 0.179              | -1.721 | -0.308    | 32              | 0.166              | -1.797 | -0.298    | 35              | 0.144              | -1.938 | 0.279     |
| 2     | <i>Pycnonotus goiavier</i>     | Merbah Cerukcuk      |                                                     | 2               | 0.022              | -3.829 | -0.083    | 5               | 0.033              | -3.408 | -0.113    | 8               | 0.041              | -3.183 | -0.132    | 12              | 0.049              | -3.008 | 0.149     |
| 3     | <i>Geopelia striata</i>        | Perkutut             |                                                     | 10              | 0.109              | -2.219 | -0.241    | 20              | 0.132              | -2.022 | -0.268    | 25              | 0.130              | -2.044 | -0.265    | 28              | 0.115              | -2.161 | 0.249     |
| 4     | <i>Gallicrex cinerea</i>       | Ayam-ayaman          |                                                     | 11              | 0.120              | -2.124 | -0.254    | 17              | 0.113              | -2.184 | -0.246    | 23              | 0.119              | -2.127 | -0.254    | 26              | 0.107              | -2.235 | 0.239     |
| 5     | <i>Numididae</i>               | Ayam Mutiara         |                                                     | 6               | 0.065              | -2.730 | -0.178    | 14              | 0.093              | -2.378 | -0.220    | 17              | 0.088              | -2.429 | -0.214    | 21              | 0.086              | -2.449 | 0.212     |
| 6     | <i>Oriolus chinensis</i>       | Kepodang             |                                                     | 2               | 0.022              | -3.829 | -0.083    | 4               | 0.026              | -3.631 | -0.096    | 6               | 0.031              | -3.471 | -0.108    | 9               | 0.037              | -3.296 | 0.122     |
| 7     | <i>Garrulax leucholophus</i> * | Burung Poksay        |                                                     | 2               | 0.022              | -3.829 | -0.083    | 3               | 0.020              | -3.919 | -0.078    | 4               | 0.021              | -3.876 | -0.080    | 6               | 0.025              | -3.701 | 0.091     |
| 8     | <i>Copsychus saularis</i>      | Murai Air            |                                                     | 2               | 0.022              | -3.829 | -0.083    | 5               | 0.033              | -3.408 | -0.113    | 7               | 0.036              | -3.317 | -0.120    | 10              | 0.041              | -3.190 | 0.131     |
| 9     | <i>Cyprinus rubrofuscus</i>    | Ikan Koi             |                                                     | 30              | 0.326              | -1.121 | -0.365    | 40              | 0.265              | -1.328 | -0.352    | 42              | 0.218              | -1.525 | -0.332    | 43              | 0.177              | -1.732 | 0.306     |
| 10    | <i>Columbidae</i>              | Burung Dara          |                                                     | 4               | 0.043              | -3.135 | -0.136    | 6               | 0.040              | -3.226 | -0.128    | 10              | 0.052              | -2.960 | -0.153    | 15              | 0.062              | -2.785 | 0.172     |
| 11    | <i>Sturnus unicolor</i>        | Jalak Suren          |                                                     | 0               | 0.000              | 0.000  | 0.000     | 1               | 0.007              | -5.017 | -0.033    | 2               | 0.010              | -4.570 | -0.047    | 4               | 0.016              | -4.107 | 0.068     |
| 12    | <i>Acridotheres javanicus</i>  | Jalak Kebo           |                                                     | 0               | 0.000              | 0.000  | 0.000     | 1               | 0.007              | -5.017 | -0.033    | 2               | 0.010              | -4.570 | -0.047    | 4               | 0.016              | -4.107 | 0.068     |
| 13    | <i>Pycnonotus aurigaster</i>   | Kutilang             |                                                     | 0               | 0.000              | 0.000  | 0.000     | 2               | 0.013              | -4.324 | -0.057    | 5               | 0.026              | -3.653 | -0.095    | 8               | 0.033              | -3.414 | 0.112     |
| 14    | <i>Zoothera citrina</i>        | Anis Jawa            |                                                     | 0               | 0.000              | 0.000  | 0.000     | 1               | 0.007              | -5.017 | -0.033    | 2               | 0.010              | -4.570 | -0.047    | 4               | 0.016              | -4.107 | 0.068     |
| 15    | <i>Leucopsar rothschildi</i>   | Jalak Bali           |                                                     | 0               | 0.000              | 0.000  | 0.000     | 1               | 0.007              | -5.017 | -0.033    | 1               | 0.005              | -5.263 | -0.027    | 3               | 0.012              | -4.394 | 0.054     |
| 16    | <i>Scissirostrum dubium</i>    | Jalak tunggir-merah  |                                                     | 0               | 0.000              | 0.000  | 0.000     | 1               | 0.007              | -5.017 | -0.033    | 2               | 0.010              | -4.570 | -0.047    | 4               | 0.016              | -4.107 | 0.068     |
| 17    | <i>Pericrocotus miniatus</i>   | Sepah gunung         |                                                     | 0               | 0.000              | 0.000  | 0.000     | 1               | 0.007              | -5.017 | -0.033    | 1               | 0.005              | -5.263 | -0.027    | 3               | 0.012              | -4.394 | 0.054     |
| 18    | <i>Gracula robusta</i>         | Jalak Nias           |                                                     | 0               | 0.000              | 0.000  | 0.000     | 1               | 0.007              | -5.017 | -0.033    | 2               | 0.010              | -4.570 | -0.047    | 4               | 0.016              | -4.107 | 0.068     |
| 19    | <i>Cinnyris jugularis</i>      | Burung Madu Sriganti |                                                     | 0               | 0.000              | 0.000  | 0.000     | 1               | 0.007              | -5.017 | -0.033    | 2               | 0.010              | -4.570 | -0.047    | 4               | 0.016              | -4.107 | 0.068     |
| Total |                                |                      |                                                     | 92              | H'=-sum(Pi*Ln(Pi)) |        | 1.854     | 151             | H'=-sum(Pi*Ln(Pi)) |        | 2.245     | 193             | H'=-sum(Pi*Ln(Pi)) |        | 2.389     | 243             | H'=-sum(Pi*Ln(Pi)) |        | 2.577     |

\*Data Bulan Januari-Juni 2026 (telah diverifikasi PT SUCOFINDO (PERSERO))

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

| A  | B  | C  | D  |
|----|----|----|----|
| 23 | 27 | 32 | 35 |
| 2  | 5  | 8  | 12 |
| 10 | 20 | 25 | 28 |
| 11 | 17 | 23 | 26 |
| 6  | 14 | 17 | 21 |
| 2  | 4  | 6  | 9  |
| 2  | 3  | 4  | 6  |
| 2  | 5  | 7  | 10 |
| 30 | 40 | 42 | 43 |
| 4  | 6  | 10 | 15 |
| 0  | 1  | 2  | 4  |
| 0  | 1  | 2  | 4  |
| 0  | 2  | 5  | 8  |
| 0  | 1  | 2  | 4  |
| 0  | 1  | 1  | 3  |
| 0  | 1  | 2  | 4  |
| 0  | 1  | 1  | 3  |
| 0  | 1  | 2  | 4  |
| 0  | 1  | 2  | 4  |
|    |    |    |    |

  

| Alpha diversity indices |         |        |        |         |
|-------------------------|---------|--------|--------|---------|
|                         | Numbers | Plot   |        |         |
|                         | A       | B      | C      | D       |
| Taxa_S                  | 10      | 19     | 19     | 19      |
| Individuals             | 92      | 151    | 193    | 243     |
| Dominance_D             | 0,203   | 0,1464 | 0,1221 | 0,09719 |
| Simpson 1-D             | 0,797   | 0,8536 | 0,8779 | 0,9028  |
| Shannon_H               | 1,854   | 2,245  | 2,389  | 2,577   |
| Evenness_e^H/S          | 0,6388  | 0,4968 | 0,5739 | 0,6925  |
| Brillouin               | 1,693   | 2,068  | 2,232  | 2,435   |
| Menhinick               | 1,043   | 1,546  | 1,368  | 1,219   |
| Margalef                | 1,99    | 3,588  | 3,42   | 3,277   |
| Equitability_J          | 0,8054  | 0,7624 | 0,8114 | 0,8752  |
| Fisher_alpha            | 2,854   | 5,747  | 5,226  | 4,823   |
| Berger-Parker           | 0,3261  | 0,2649 | 0,2176 | 0,177   |
| Chao-1                  | 10      | 33     | 19,14  | 19      |

  

|              |      |                 |      |                                   |           |
|--------------|------|-----------------|------|-----------------------------------|-----------|
| Bootstrap N: | 9999 | Bootstrap type: | None | <input type="checkbox"/> Unbiased | Recompute |
|--------------|------|-----------------|------|-----------------------------------|-----------|

  

|       |      |       |      |
|-------|------|-------|------|
| Close | Copy | Print | Help |
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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 :  $H' < 1,5$