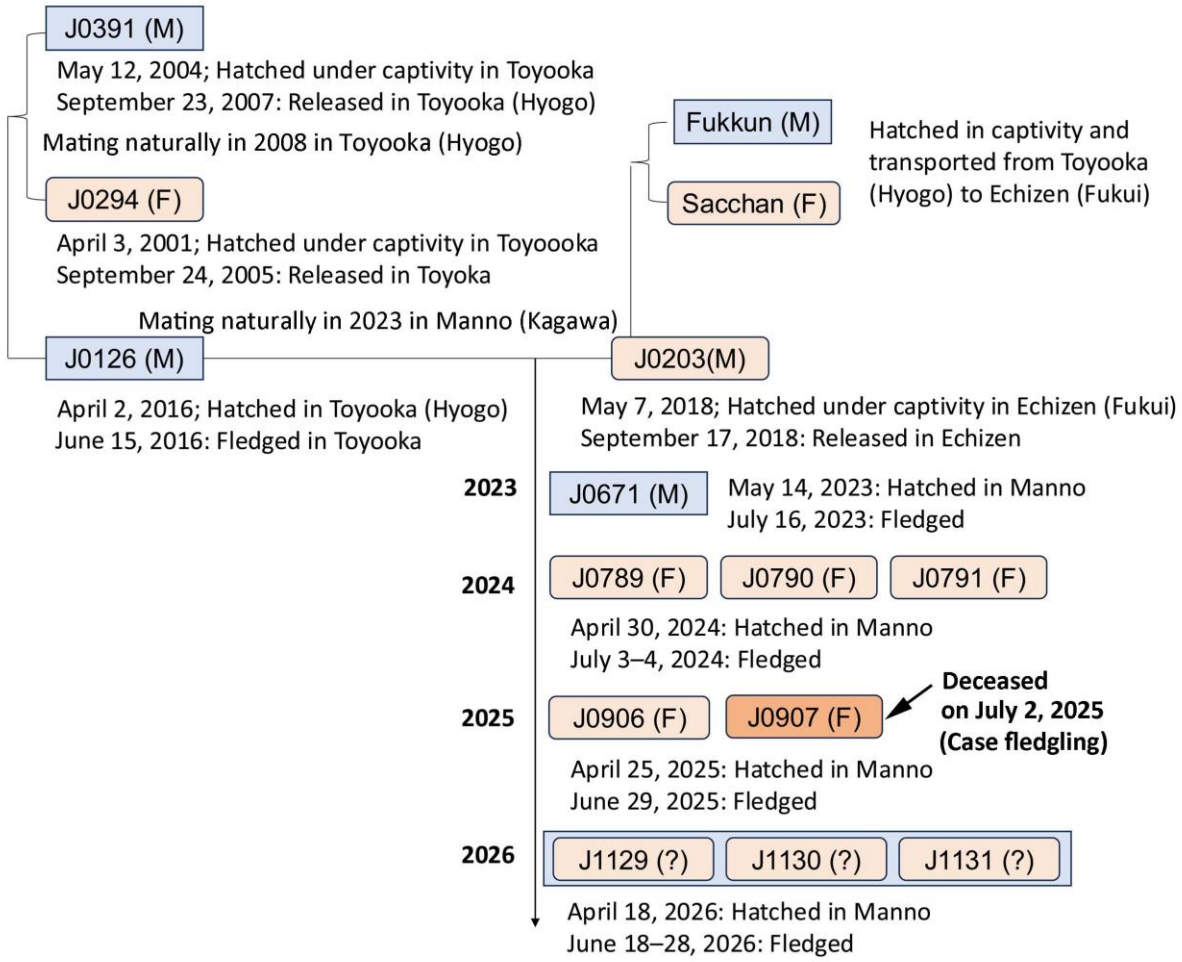
**Supplementary Table S1.** Primers used to amplify and sequence 11 overlapping fragments of *C. ferox* rDNA

| fragment | Primer name* | | Primer sequence | Position |
|---|---|---|---|---|
| no. | for amplifying | for sequencing | | of 5'-end† |
| 1 | F: NSF4/18 | | 5'-CTGGTTGATCCTGCCAGT-3' | -19 |
| | R: 18S-1192R/20 | | 5'-CAGGTGAGTTTTCCCGTGTT-3' | 1,302 |
| | | R: NSR581/18 | 5'-TCTCAGGCTCCCTCTCCGG-3' | 398 |
| 2 | F: NSF4/18 | | (see above) | -19 |
| | R: NSR1438/20 | | 5'-GGGCATCACAGACCTGTTAT-3' | 1,600 |
| | | F: NSF573/19 | 5'-CGCGGTAATTCCAGCTCCA-3' | 573 |
| | | R: NSR581/18 | (see above) | 398 |
| 3 | F: NSF573/19 | | 5'-CGCGGTAATTCCAGCTCCA-3' | 573 |
| | R: NSR1787/18 | | 5'-CGACGGGCGGTGTGTACA-3' | 1,807 |
| | | F: NSF1179/18 | 5'-AATTTGACTCAACACGGG-3' | 1,273 |
| | | R: NSR1438/20 | 5'-GGGCATCACAGACCTGTTAT-3' | 1,600 |
| 4 | F: NSF1419/20 | | 5'-ATAACAGGTCTGTGATGCCC-3' | 1,581 |
| | R: Dig.5.8SR | | 5'-CGCAATATGCGTTCAAGATG-3' | 2,528 |
| 5 | F: NC13(ITS2)/F | | 5'-ATCGATGAAGAACGCAGC-3' | 2,446 |
| | R: Dig.LSU-270R | | 5'-ACAAACAACCCGACTCCAAG-3' | 3,308 |
| 6 | F: Dig.LSU-F1/C1 | | 5'-ACCCGCTGAATTTAAGCAT-3' | 3,025 |
| | R: 28S-1270R/22 | | 5'-CAGCTATCCTGAGGGAAACTTC-3' | 4,381 |
| | | R: Dig.LSU-270R | (see above) | 3,308 |
| 7 | F: 28S-839F/20 | | 5'-TATCCGACCCGTCTTGAAAC-3' | 3,965 |
| | R: 28S-2132R/20 | | 5'-AGAGGCTGTTCACCTTGGAG-3' | 5,412 |
| 8 | F: 28S-839F/20 | | (see above) | 3,965 |
| | R: NLR2362/20 | | 5'-ACATTCAGAGCACTGGGCAG-3' | 5,819 |
| | | F: 28S-1449F/27 | (see below) | 4,656 |
| 9 | F: 28S-1449F/27 | | 5'-GGAAGTCGGAATCCGCTAAGGAGTGTG-3' | 4,656 |
| | R: NLR2362/20 | | (see above) | 5,819 |
| 10 | F: 28S-1449F/27 | | (see above) | 4,656 |
| | R: NLR2781/19 | | 5'-CCGCCCCAGYCAAACTCCC-3' | 6,319 |
| | | F: NLF1999/19 | 5'-CCGCAKCAGGTCTCCAAG-3' | 5,382 |
| 11 | NLF2551/21 | | 5'-GGGAAAGAAGACCCTGTTGAG-3' | 6,002 |
| | NLR3284/21 | | 5'-TTCTGACTTAGAGGCGTTCAG-3' | 6,857 |

*Primers used for amplifying and sequencing a special segment are shown as 'for amplifying', and those only for sequencing as 'for sequencing'. Parts of used primers are similar to those employed previously by other groups [83,84]. The rest were designed in-house for amplifying helminth rDNA sequences [23]. F: forward, and R: reverse.

†The relative position of 5'-end of each primer in *Chaunocephalus ferox* rDNA sequence (DDBJ/EMBL/GenBank accession no. LC934762).




**Supplementary Figure S1.** Family tree of Oriental storks related to a nest established atop a utility pole beside a paddy field in Manno Town, Kagawa Prefecture, Japan.
Each individual box includes the stork ID number and sex in parentheses (M, male; F, female, and ?, unknown). A deceased fledgling reported in this study is indicated by an arrow.