**Supplementary Material**

Discovery of a new breeding population of the Vulnerable Swinhoe’s Rail *Coturnicops exquisitus* confirmed by genetic analysis

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Table S1. The species and its accession numbers in NCBI database, which were used for the tree construction.

Figure S1. Photos of two Swinhoe’s Rails.

Table S1. The species and its accession numbers in NCBI database, which were used for the tree construction.

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| NCBI’s accession number | Species | Scientific name |
| AP010823.1 |  *Coturnicops exquisitus* | Swinhoe’s Rail\_Japan |
| NC012143.1 |  *Coturnicops exquisitus* | Swinhoe’s Rail\_Japan |
| KC614068.1 |  *Coturnicops noveboracensis* | Yellow Rail |
| DQ485906.1 |  *Laterallus melanophaius* | Rufous-sided Crake |
| JQ342146.1 |  *Rallus indicus* | Eastern Water Rail |
| KC614115.1 |  *Rallus aquaticus*  | Water Rail |
| JQ342154.1 |  *Zapornia pusilla*  | Baillon's Crake |
| KC614105.1 |  *Zapornia pusilla*  | Baillon's Crake |
| JQ342150.1 |  *Zapornia paykullii*  | Band-bellied Crake |
| KC614097.1 |  *Zapornia paykullii*  | Band-bellied Crake |
| KC614106.1 |  *Zapornia parva*  | Little Crake |
| KC614101.1 |  *Zapornia fusca*  | Ruddy-breasted Crake |
| DQ485905.1 |  *Porphyrio porphyrio*  | Purple Swamphen |
| FJ498985.1 |  *Porphyrio porphyrio*  | Purple Swamphen |
| KJ686109.1 |  *Porphyrio porphyrio poliocephalus*  | Grey-headed Swamphen |
| AP010821.1 |  *Hypotaenidia okinawae*  | Okinawa Rail |
| JQ342143.1 |  *Lewinia striata*  | Slaty-breasted Rail |
| JQ342144.1 |  *Lewinia striata* | Slaty-breasted Rail |
| DQ485911.1 |  *Gallinula chloropus*  | Common Moorhen |
| JQ342138.1 |  *Gallinula chloropus* | Common Moorhen |
| JQ342151.1 |  *Gallicrex cinerea*  | Watercock |
| JQ342152.1 |  *Gallicrex cinerea*  | Watercock |
| KC614074.1 |  *Fulica atra*  | Common Coot |
| KM005730.1 |  *Fulica atra*  | Common Coot |
| JQ342142.1 |  *Zapornia akool*  | Brown Crake |
| JQ342141.1 |  *Zapornia akool*  | Brown Crake |
| JQ342139.1 |  *Amaurornis phoenicurus*  | White-breasted Waterhen |
| JQ342140.1 |  *Amaurornis phoenicurus*  | White-breasted Waterhen |
| AP010822.1 |  *Rallina eurizonoides* | Slaty-legged Crake |

Figure S1. Photos of two Swinhoe’s Rails (A = dorsal view, B = lateral view) caught at Muraviovka Park, Amur region, Russia, in June 2017 (T. Wulf).

