

## Supplementary Materials

**Table S1.** Collected measurements of *Paraesperornis alexi* and other hesperornithiform birds. Measurements were collected from the specimens noted using digital calipers, unless otherwise noted.

|   | <i>Paraesperornis alexi</i> | <i>Paraesperornis alexi</i> | <i>Hesperornis regalis</i> | <i>Hesperornis gracilis</i> | <i>Baptornis advenus</i> | <i>Fumicollis hoffmani</i> | <i>Brodavis varneri</i> | <i>Pasquiaornis tankei</i> | <i>Enaliornis barretti</i> |
|---|-----------------------------|-----------------------------|----------------------------|-----------------------------|--------------------------|----------------------------|-------------------------|----------------------------|----------------------------|
| Frontal                                 | KUVP 2287                   | KUVP 24090                  | KUVP 71012                 | -                           | -                        | UNSM 20030                 | SDSM 68430              | RSM P2995.4†               | -                          |
| Maximum mediolateral width              | 40.68                       | -                           | 39.74*                     | -                           | -                        | -                          | -                       | 28.24*                     | -                          |
| Anterior-posterior length               | 53.94*                      | -                           | 68.73*                     | -                           | -                        | -                          | -                       | 34.78*                     | -                          |
| Premaxilla                              | KUVP 2287                   | KUVP 24090                  | KUVP 71012                 | -                           | -                        | UNSM 20030                 | SDSM 68430              | -                          | -                          |
| Mediolateral width at nares             | 19.90                       | -                           | 20.08                      | -                           | -                        | -                          | -                       | -                          | -                          |
| Anterior-posterior length               | 108.80*                     | -                           | 171.67*                    | -                           | -                        | -                          | -                       | -                          | -                          |
| Length, opening of nares to rostral end | 53.37                       | -                           | 84.67                      | -                           | -                        | -                          | -                       | -                          | -                          |
| Coracoid                                | KUVP 2287                   | KUVP 24090                  | FHSM VP2069                | -                           | KUVP 2290                | UNSM 20030                 | SDSM 68430              | RSM P2988.9†               | -                          |
| Length                                  | -                           | 55.38                       | 53.88                      | -                           | 52.93                    | -                          | -                       | 50.68                      | -                          |
| Width of sternal end                    | 23.31*                      | 33.51                       | 36.7                       | -                           | 26.64                    | -                          | -                       | 20.59*                     | -                          |
| Humerus                                 | KUVP 2287                   | KUVP 24090                  | FHSM VP2293                | -                           | KUVP 2290                | UNSM 20030                 | SDSM 68430              | RSM P2077.4 <sup>1</sup>   | -                          |
| Distal mediolateral width               | 4.63                        | -                           | 5.4*                       | -                           | 6.68                     | -                          | -                       | 11.04                      | -                          |
| Maximum preserved shaft width           | 5.01                        | -                           | 7.44                       | -                           | 5.48                     | -                          | -                       | 4.90                       | -                          |
| Ilium                                   | KUVP 2287                   | KUVP 24090                  | YPM 1476                   | YPM 1679                    | SDSM 5314                | UNSM 20030                 | SDSM 68430              | RSM P2626.27†              | BGS 87936 <sup>4</sup>     |
| Length                                  | 237.63*                     | 246.6                       | 307.47*                    | -                           | -                        | 198.04*                    | -                       | -                          | -                          |
| Ratio of pre- to post-acetabular length | 0.45                        | 0.31                        | 0.39*                      | -                           | -                        | 0.32*                      | -                       | -                          | -                          |
| Height at acetabulum                    | 27.36                       | 29.71                       | 48.55                      | -                           | 29.60                    | 16.13                      | -                       | -                          | -                          |
| Acetabulum diameter                     | 17.38                       | 18.18                       | 28.26                      | 16.12*                      | 11.85                    | 13.58                      | 16.64                   | 18.15                      | 13.51                      |
| Antitrochanter width                    | 11.03                       | 12.77                       | 21.04                      | 17.56                       | 7.90                     | 10.50                      | -                       | 11.27                      | -                          |

|                                | <i>Parahesperornis alexi</i> | <i>Parahesperornis alexi</i> | <i>Hesperornis regalis</i> | <i>Hesperornis gracilis</i> | <i>Baptornis advenus</i> | <i>Fumicollis hoffmani</i> | <i>Brodavis varneri</i> | <i>Pasquiaornis tankei</i> | <i>Enaliornis barretti</i> |
|--------------------------------|------------------------------|------------------------------|----------------------------|-----------------------------|--------------------------|----------------------------|-------------------------|----------------------------|----------------------------|
| <b>Femur</b>                   | KUVP 2287                    | KUVP 24090                   | YPM 1200                   | YPM 1679                    | KUVP 2290                | UNSM 20030                 | SDSM 68430              | RSM P2077.108 <sup>2</sup> | BMNH A483                  |
| Length                         | 68.8                         | 74.53                        | 97.92                      | 84.06                       | 74.90                    | 71.8                       | -                       | 64.76                      | -                          |
| Proximal mediolateral width    | 33.59                        | 24.02                        | 52.98                      | 45.06*                      | 26.56                    | 23.58                      | -                       | 20.85                      | -                          |
| Midshaft mediolateral width    | 12.53                        | 13.89                        | 17.98                      | 15.82                       | 13.07                    | 11.73                      | -                       | 12.13                      | 8.36*                      |
| Distal mediolateral width      | 32.26                        | 33.64                        | 52.81                      | 47.75                       | 24.57                    | 25.24                      | 31.08                   | 21.73                      | 16.02*                     |
| Width of fibular trochlea      | 9.27                         | 9.78                         | 16.5                       | 15.23                       | 9.81                     | 9.19                       | 11.39                   | 8.95                       | 6.80                       |
| <b>Tibiotarsus</b>             | KUVP 2287                    | KUVP 24090                   | YPM 1200                   | YPM 1679                    | FMNH 395                 | UNSM 20030                 | SDSM 68430              | RSM P2957.22†              | BMNH A478                  |
| Length                         | 212.97                       | 230.94                       | 321.11                     | -                           | 194.76                   | 193.82                     | 226.64                  | -                          | -                          |
| Height of cnemial expansion    | 12.57                        | 14.61                        | 29.62                      | -                           | 13.58                    | 18.14                      | 19.98                   | 12.00                      | 9.65                       |
| Proximal mediolateral width    | 23.69                        | 21.26                        | 34.83                      | 34.00                       | 16.07                    | 18.70                      | 24.92                   | 16.81                      | 10.97                      |
| Midshaft mediolateral width    | 14.86                        | 15.08                        | 24.64                      | 20.75                       | 10.23                    | 12.49                      | 17.20                   | 11.80                      | 9.21*                      |
| Distal mediolateral width      | 23.38                        | 24.59                        | 26.63                      | 28.79                       | 16.78                    | 18.87                      | 25.34                   | -                          | -                          |
| <b>Fibula</b>                  | KUVP 2287                    | KUVP 24090                   | YPM PU17193                | YPM 1679                    | KUVP 2290                | UNSM 20030                 | SDSM 68430              | RSM P2997.80†              | -                          |
| Length                         | 130.71                       | -                            | 200.2                      | -                           | -                        | -                          | -                       | -                          | -                          |
| Proximal craniocaudal width    | 13.07                        | -                            | 19.28                      | 17.41                       | 13.48                    | 10.68                      | 12.74                   | 8.87                       | -                          |
| <b>Patella</b>                 | KUVP 2287                    | KUVP 24090                   | YPM 1200                   | YPM 1679                    | KUVP 2290                | UNSM 20030                 | SDSM 68430              | -                          | -                          |
| Length                         | 44.61                        | 56.54                        | 108.54                     | 88.24*                      | 20.51                    | 21.11                      | -                       | -                          | -                          |
| Proximal width                 | 22.24                        | 26.72                        | 42.25                      | 30.11                       | 15.26                    | 17.31                      | -                       | -                          | -                          |
| <b>Tarsometatarsus</b>         | KUVP 2287                    | FHSM VP17312                 | YPM 1200                   | YPM 1679                    | AMNH 5101                | UNSM 20030                 | SDSM 68430              | RSM P2077.63 <sup>3</sup>  | BMNH A477                  |
| Length                         | 100.73                       | 99.93                        | 136.88                     | 126.44                      | 89.9                     | 83.72                      | 96.03                   | 85.60                      | -                          |
| Proximal mediolateral width    | 21.35                        | 17.35                        | 35.65                      | 29.28                       | 19.11                    | 18.79                      | 25.59                   | 15.29                      | -                          |
| Trochlea IV mediolateral width | 10.10                        | 8.66                         | 14.72                      | 13.17                       | 6.77                     | 5.13                       | 6.67                    | 6.05                       | 5.51                       |

|                                 |                             |                             |                            |                             |                          |                            |                         |                            |                            |
|---------------------------------|-----------------------------|-----------------------------|----------------------------|-----------------------------|--------------------------|----------------------------|-------------------------|----------------------------|----------------------------|
| Trochlea III mediolateral width | 6.51                        | 5.33                        | 8.41                       | 6.58                        | 6.52                     | 5.12                       | 7.48                    | -                          | 4.10                       |
|                                 | <i>Paraesperornis alexi</i> | <i>Paraesperornis alexi</i> | <i>Hesperornis regalis</i> | <i>Hesperornis gracilis</i> | <i>Baptornis advenus</i> | <i>Fumicollis hoffmani</i> | <i>Brodavis varneri</i> | <i>Pasquiaornis tankei</i> | <i>Enaliornis barretti</i> |
| Digit IV: 1                     | KUVP 2287                   | -                           | YPM 1200                   | YPM 1679                    | FMNH 395                 | UNSM 20030                 | SDSM 68430              | -                          | -                          |
| Length                          | 29.17                       | -                           | 44.22                      | 40.32                       | 36.55                    | -                          | -                       | -                          | -                          |
| Proximal dorsoplantar depth     | 13.56                       | -                           | 22.81                      | 18.38                       | 6.39                     | -                          | -                       | -                          | -                          |
| Proximal mediolateral width     | 12.02                       | -                           | 18.70                      | 15.64                       | 8.06                     | -                          | -                       | -                          | -                          |
| Digit III: 1                    | KUVP 2287                   | -                           | YPM 1200                   | YPM 1478                    | FMNH 395                 | UNSM 20030                 | SDSM 68430              | -                          | -                          |
| Length                          | 31.14                       | -                           | 40.24                      | 34.87                       | 23.73                    | 37.77                      | -                       | -                          | -                          |
| Proximal dorsoplantar depth     | 7.20                        | -                           | 11.40                      | 13.94*                      | 7.16                     | 11.33                      | -                       | -                          | -                          |
| Proximal mediolateral width     | 12.51                       | -                           | 16.58                      | -                           | 4.58                     | 6.01                       | -                       | -                          | -                          |

\*approximate; †measurement taken from photograph using ImageJ; <sup>1</sup> measured from cast YPM 57198; <sup>2</sup> measured from cast YPM 5719; <sup>3</sup> measured from cast YPM 57194; <sup>4</sup> measured from cast BMNH A5310.

**Table S2.** Specimens used for this study. The majority of specimens were examined directly; however, references are listed for specimens not available for examination during this study.

| Genus                  | Species          | Specimen Number            | Material  | Citation (if specimen not studied directly) |
|------------------------|------------------|----------------------------|---|---|
| <i>Asiahesperornis</i> | <i>bazhanovi</i> | IZASK 2/KM 97              | roughly 14th or 15th cervical vertebra  | 1   |
| <i>Asiahesperornis</i> | <i>bazhanovi</i> | IZASK 4/KM 97 <sup>1</sup> | partial dentary   | 1   |
| <i>Baptornis</i>       | <i>advenus</i>   | YPM 1465*                  | distal tarsometatarsus (lectotype)  |   |
| <i>Baptornis</i>       | <i>advenus</i>   | AMNH 5101                  | cervical and thoracic vertebrae, partial pelvis, distal tibiotarsus, tarsometatarsi, partial phalanx.   |   |
| <i>Baptornis</i>       | <i>advenus</i>   | FMNH 395                   | caudal fragment of left mandible, 23rd vertebra, partial synsacrum & pelvic fragments, pygostyle, femora, tibiotarsi, tarsometatarsus, metatarsal I, 14 phalanges, including 2 unguis |   |
| <i>Baptornis</i>       | <i>advenus</i>   | KUVP 2290                  | coracoid, humerus, ulna, radius, partial scapula, 9 vertebrae, partial synsacrum, femur, patella, fibulae, partial tibiotarsi, partial tarsometatarsus                                |   |

|                    |                   |  |   |   |
|--------------------|-------------------|--|---|---|
| <i>Baptornis</i>   | <i>advenus</i>    | KUVP 16112                             | cervical and thoracic vertebrae, partial synsacrum and pelvis, partial femora, partial tibiotarsi, partial tarsometatarsus, partial phalanges; juvenile |   |
| <i>Brodavis</i>    | <i>americanus</i> | RSM P2315.6* (unnumbered cast at KUVP) | tarsometatarsus   |   |
| <i>Brodavis</i>    | <i>baileyi</i>    | UNSM 50665*                            | tarsometatarsus   |   |
| <i>Brodavis</i>    | <i>varneri</i>    | SDSM 68430*                            | cervical and thoracic vertebrae, ribs, partial synsacrum and pelvis, partial femur, tibiotarsus, fibula, tarsometatarsus                                |   |
| <i>Canadaga</i>    | <i>arctica</i>    | NMC 41050*                             | three cervical vertebrae, probably 15-17  | 2 |
| <i>Chupkaornis</i> | <i>kerarum</i>    | MCM.A773*                              | cervical and thoracic vertebrae, partial femora, fibula   | 3 |
| <i>Enaliornis</i>  | <i>barretti</i>   | BMNH A477*                             | partial tarsometatarsus   |   |
| <i>Enaliornis</i>  | <i>barretti</i>   | BGS 87933 (cast as BMNH A5306)         | partial femur   |   |
| <i>Enaliornis</i>  | <i>barretti</i>   | BGS 87936 (cast as BMNH A5310)         | acetabular region of pelvis   |   |
| <i>Enaliornis</i>  | <i>barretti</i>   | BMNH A163                              | partial femur   |   |
| <i>Enaliornis</i>  | <i>barretti</i>   | BMNH A483                              | partial femur - juvenile  |   |
| <i>Enaliornis</i>  | <i>barretti</i>   | SMC B 54404                            | braincase   |   |
| <i>Enaliornis</i>  | <i>barretti</i>   | SMC B 55277                            | 23rd vertebra   |   |
| <i>Enaliornis</i>  | <i>barretti</i>   | SMC B 55306                            | partial femur   |   |
| <i>Enaliornis</i>  | <i>barretti</i>   | SMC B 55310                            | partial femur   |   |
| <i>Enaliornis</i>  | <i>sedgwicki</i>  | BMNH A479                              | partial femur   |   |
| <i>Enaliornis</i>  | <i>sedgwicki</i>  | SMC B 55279                            | thoracic vertebra   |   |
| <i>Enaliornis</i>  | <i>sedgwicki</i>  | SMC B 55280                            | thoracic vertebra   |   |
| <i>Enaliornis</i>  | <i>sedgwicki</i>  | SMC B 55287                            | partial femur - juvenile  |   |
| <i>Enaliornis</i>  | <i>sedgwicki</i>  | SMC B 55289                            | partial femur   |   |
| <i>Enaliornis</i>  | <i>sedgwicki</i>  | SMC B 55300                            | partial femur   |   |
| <i>Enaliornis</i>  | <i>seeleyi</i>    | BMNH A478                              | partial tibiotarsus   |   |
| <i>Enaliornis</i>  | <i>seeleyi</i>    | BMNH A5801                             | partial femur   |   |
| <i>Enaliornis</i>  | <i>seeleyi</i>    | SMC B 55321                            | partial tarsometatarsus - juvenile  |   |
| <i>Fumicollis</i>  | <i>hoffmani</i>   | UNSM 20030*                            | cervical and thoracic vertebrae, pygostyle, rib fragments, partial pelvis, femur, patella, fibula, tibiotarsi, tarsometatarsus, 6 pedal phalanges       |   |
| <i>Hesperornis</i> | <i>chowi</i>      | YPM PU 17208*                          | tarsometatarsus   | 4 |
| <i>Hesperornis</i> | <i>crassipes</i>  | YPM 1474*                              | Nearly complete skeleton  | 5 |
| <i>Hesperornis</i> | <i>gracilis</i>   | YPM 1473*                              | partial tarsometatarsus, 2 pedal phalanges  |   |

|                    |                   |                              |   |   |
|--------------------|-------------------|------------------------------|---|---|
| <i>Hesperornis</i> | <i>gracilis</i>   | YPM 1478                     | thoracic vertebrae, partial femur, partial tibiotarsus, tarsometatarsus, 2 pedal phalanges  |   |
| <i>Hesperornis</i> | <i>gracilis</i>   | YPM 1679                     | cervical and thoracic vertebrae, partial synsacrum and pelvis, rib fragments, femora, patella, fibula, tibiotarsi, tarsometatarsi, 3 pedal phalanges                      |   |
| <i>Hesperornis</i> | <i>lungairi</i>   | CFDC B.78.02.07*             | tarsometatarsus   |   |
| <i>Hesperornis</i> | <i>macdonaldi</i> | LACM 9728*                   | femur   |   |
| <i>Hesperornis</i> | <i>macdonaldi</i> | LACM 9727                    | femur   |   |
| <i>Hesperornis</i> | <i>macdonaldi</i> | CFDC B.81.03.16              | femur   | 6 |
| <i>Hesperornis</i> | <i>mengeli</i>    | CFDC B.78.01.08 <sup>2</sup> | tarsometatarsus   |   |
| <i>Hesperornis</i> | <i>regalis</i>    | YPM 1200*                    | cervical, thoracic, and caudal vertebrae, femora, tibiotarsi, tarsometatarsi, patellae, fibulae, 2 pedal phalanges  |   |
| <i>Hesperornis</i> | <i>regalis</i>    | BMNH A-720                   | partial pelvis  |   |
| <i>Hesperornis</i> | <i>regalis</i>    | FHSMNH 2069                  | cervical and thoracic vertebrae, rib fragments, coracoids, femora, tibiotarsi, tarsometatarsi, patella, pedal phalanges   |   |
| <i>Hesperornis</i> | <i>regalis</i>    | FR 2181                      | femur, tibiotarsus, patella, fibula   |   |
| <i>Hesperornis</i> | <i>regalis</i>    | YPM 1206                     | partial skull and lower jaw, cervical and thoracic vertebrae  | 5 |
| <i>Hesperornis</i> | <i>regalis</i>    | YPM 1207                     | cervical and thoracic vertebrae, partial synsacrum and pelvis, partial coracoid, femora, partial tibiotarsi, partial fibulae, patellae, tarsometatarsi, 2 pedal phalanges |   |
| <i>Hesperornis</i> | <i>regalis</i>    | YPM 1476                     | cervical and thoracic vertebrae, synsacrum and pelvis, partial sternum, femur, patella, tarsometatarsi, tibiotarsi, pedal phalanges                                       |   |
| <i>Hesperornis</i> | <i>regalis</i>    | YPM 1477                     | cervical and thoracic vertebrae, rib fragments, partial coracoid, femora, tibiotarsi, fibulae, patella  |   |
| <i>Hesperornis</i> | <i>sp.</i>        | FHSMNH 2293                  | thoracic vertebrae, rib fragments, humerus, scapula, partial femur, patella, partial tibiotarsus,   |   |
| <i>Hesperornis</i> | <i>sp.</i>        | KUVP 71012                   | partial skull and lower jaw, axis and cervical vertebrae, tarsometatarsus; 11 pedal phalanges   |   |
| <i>Hesperornis</i> | <i>sp.</i>        | SDSM 5312                    | cervical and thoracic vertebrae, partial pelvis, femur, patella, tibiotarsus, tarsometatarsus, 4 pedal phalanges  |   |
| <i>Hesperornis</i> | <i>sp.</i>        | YPM 1499                     | cervical and thoracic vertebrae, femora, fibulae, patellae, tibiotarsus, tarsometatarsus  |   |
| <i>Hesperornis</i> | <i>sp.</i>        | YPM PU 17193                 | femur, fibula, patella, tibiotarsus   |   |

|                        |                |                                   |   |      |
|------------------------|----------------|-----------------------------------|---|------|
| <i>Hesperornis</i>     | <i>sp.</i>     | YPM PU 18589                      | cervical and thoracic vertebrae, sternal fragment, clavicle, femur, patellae, tibiotarsus   |      |
| <i>Parahesperornis</i> | <i>alexi</i>   | KUVP 2287*                        | partial skull and lower jaw, cervical and thoracic vertebrae, synsacrum and pelvis, coracoid, humerus, sternal fragments, femora, patella, fibula, tibiotarsi, tarsometatarsi, 26 pedal phalanges, skin impressions |      |
| <i>Parahesperornis</i> | <i>alexi</i>   | KUVP 24090                        | cervical, thoracic, and free caudal vertebrae, synsacrum and pelvis, pygostyle, coracoid, scapula, sternal fragments, femora, patellae, fibulae, tibiotarsi   |      |
| <i>Parahesperornis</i> | <i>sp.</i>     | FHSM VP-17312                     | tarsometatarsus   |      |
| <i>Pasquiaornis</i>    | <i>hardiei</i> | RSM P2077.117 (cast as YPM 57191) | partial tarsometatarsus   | 7    |
| <i>Pasquiaornis</i>    | <i>hardiei</i> | RSM P2077.59 (cast as YPM 57199)  | partial femur   |      |
| <i>Pasquiaornis</i>    | <i>hardiei</i> | RSM P2077.60 (cast as YPM 57192)  | partial femur   |      |
| <i>Pasquiaornis</i>    | <i>hardiei</i> | RSM P2487.3 (cast as YPM 57198)   | partial humerus   |      |
| <i>Pasquiaornis</i>    | <i>hardiei</i> | RSM P2831.6                       | partial dentary   | 7    |
| <i>Pasquiaornis</i>    | <i>hardiei</i> | RSM P2831.8                       | cervical vertebra   | 7    |
| <i>Pasquiaornis</i>    | <i>hardiei</i> | RSM P2985.9                       | splenial  | 7    |
| <i>Pasquiaornis</i>    | <i>hardiei</i> | RSM P2989.19                      | partial mandible  | 7    |
| <i>Pasquiaornis</i>    | <i>hardiei</i> | RSM P2997.18                      | tarsometatarsus   | 7    |
| <i>Pasquiaornis</i>    | <i>hardiei</i> | RSM P2997.4                       | femur   | 7    |
| <i>Pasquiaornis</i>    | <i>hardiei</i> | RSM P2997.81                      | partial tarsometatarsus   | 7    |
| <i>Pasquiaornis</i>    | <i>tankei</i>  | RSM P2077.10 (cast as YPM 57197)  | partial femur   |      |
| <i>Pasquiaornis</i>    | <i>tankei</i>  | RSM P2077.4 (cast as YPM 57193)   | partial humerus   |      |
| <i>Pasquiaornis</i>    | <i>tankei</i>  | RSM P2077.79                      | partial tarsometatarsus   |      |
| <i>Pasquiaornis</i>    | <i>tankei</i>  | RSM P2077.79                      | partial tarsometatarsus   | 7, 8 |
| <i>Pasquiaornis</i>    | <i>tankei</i>  | RSM P2957.15                      | thoracic vertebra   | 7    |
| <i>Pasquiaornis</i>    | <i>tankei</i>  | RSM P2957.21                      | partial tibiotarsus   | 7    |
| <i>Pasquiaornis</i>    | <i>tankei</i>  | RSM P2957.22                      | partial tibiotarsus   | 7    |
| <i>Pasquiaornis</i>    | <i>tankei</i>  | RSM P2985.1                       | thoracic vertebra   | 7    |
| <i>Pasquiaornis</i>    | <i>tankei</i>  | RSM P2988.11                      | partial dentary   | 7    |
| <i>Pasquiaornis</i>    | <i>tankei</i>  | RSM P2988.12                      | cervicothoracic vertebra  | 7    |
| <i>Pasquiaornis</i>    | <i>tankei</i>  | RSM P2988.25                      | partial quadrate  | 7    |
| <i>Pasquiaornis</i>    | <i>tankei</i>  | RSM P2988.9                       | coracoid  | 7    |

|                     |                |              |                  |   |
|---------------------|----------------|--------------|------------------|---|
| <i>Pasquiaornis</i> | <i>tankei</i>  | RSM P2989.21 | partial mandible | 7 |
| <i>Pasquiaornis</i> | <i>tankei</i>  | RSM P2995.1  | humerus          | 7 |
| <i>Pasquiaornis</i> | <i>tankei</i>  | RSM P2995.4  | partial frontal  | 7 |
| <i>Pasquiaornis</i> | <i>tankei</i>  | RSM P2997.60 | partial scapula  | 7 |
| <i>Potamornis</i>   | <i>skutchi</i> | UCMP 73103   | partial quadrate |   |

\*type specimen; <sup>1</sup> Incorrect identification; here revised to *Aves incertae sedis*; <sup>2</sup> incorrectly reported as BO 780106 in Martin and Lim, 2002.

## References

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