**Supplementary Material.** Museum specimens of *Aquila audax* analysed for genetic variation.

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| Collection | Museum Accession Number | Locality | State | Sex |
| ANWC | 10632 | Townsville Region | QLD | F |
| ANWC | 31008 | Tea Tree | TAS | M |
| ANWC | 31009 | Derwent Bridge, near Lake St Clair | TAS | F |
| ANWC | 31011 | Oatlands | TAS | M |
| ANWC | 32517 | Between Charters Towers and Townsville | QLD | F |
| ANWC | 34131 | Townsville Region | QLD | M |
| ANWC | 34230 | Murrays Corner, 7 km S of Cotter Reserve | ACT | M |
| ANWC | 34305 | Dog Trap Road, Murrumbateman | NSW | F |
| ANWC | 34325 | Hume Highway, near Yass | NSW | F |
| ANWC | 34650 | Oatlands | TAS | F |
| ANWC | 34794 | Quilpie/Windorah Road, 100 km NW of Quilpie | QLD | M |
| ANWC | 44266 | Shoalwater Bay Army Training Reserve, N of Rockhampton | QLD | M |
| ANWC | 44850 | Burra, 21 km S of Queanbeyan | NSW | M |
| ANWC | 50361 | NE of Manjimup | WA | F |
| WAM | A33845 | Meekatharra | WA | F |
| WAM | A35728 | Merredin | WA | F |
| WAM | A35914 | Leinster | WA | F |
| WAM | A36067 | Leonara | WA | M |
| WAM | A36068 | North Bannister | WA | F |
| WAM | A36072 | Kumarina Roadhouse | WA | M |
| WAM | A36171 | Gingin | WA | M |
| SAM | ABTC02866 | Moomba | SA | F |
| SAM | ABTC03124 | 30 km E of Streaky Bay | SA | M |
| SAM | ABTC66235 | 20 km N Barrow Creek | NT | M |
| SAM | ABTC77223 | 2 km W Cockburn on Barrier Highway | SA | F |
| MV | Z1209 | Cann Valley Hwy | VIC | M |
| MV | Z1217 | Barwon Downs, Seven Bridges Rd | VIC | F |
| MV | Z441 | Townsville | QLD | F |
| MV | Z6152 | Aviary Bird (ex Kangaroo Ground) | VIC | M |

Collections: ANWC=Australian National Wildlife Collection; WAM=Western Australian Museum; SAM=South Australian Museum; MV=Museum Victoria.