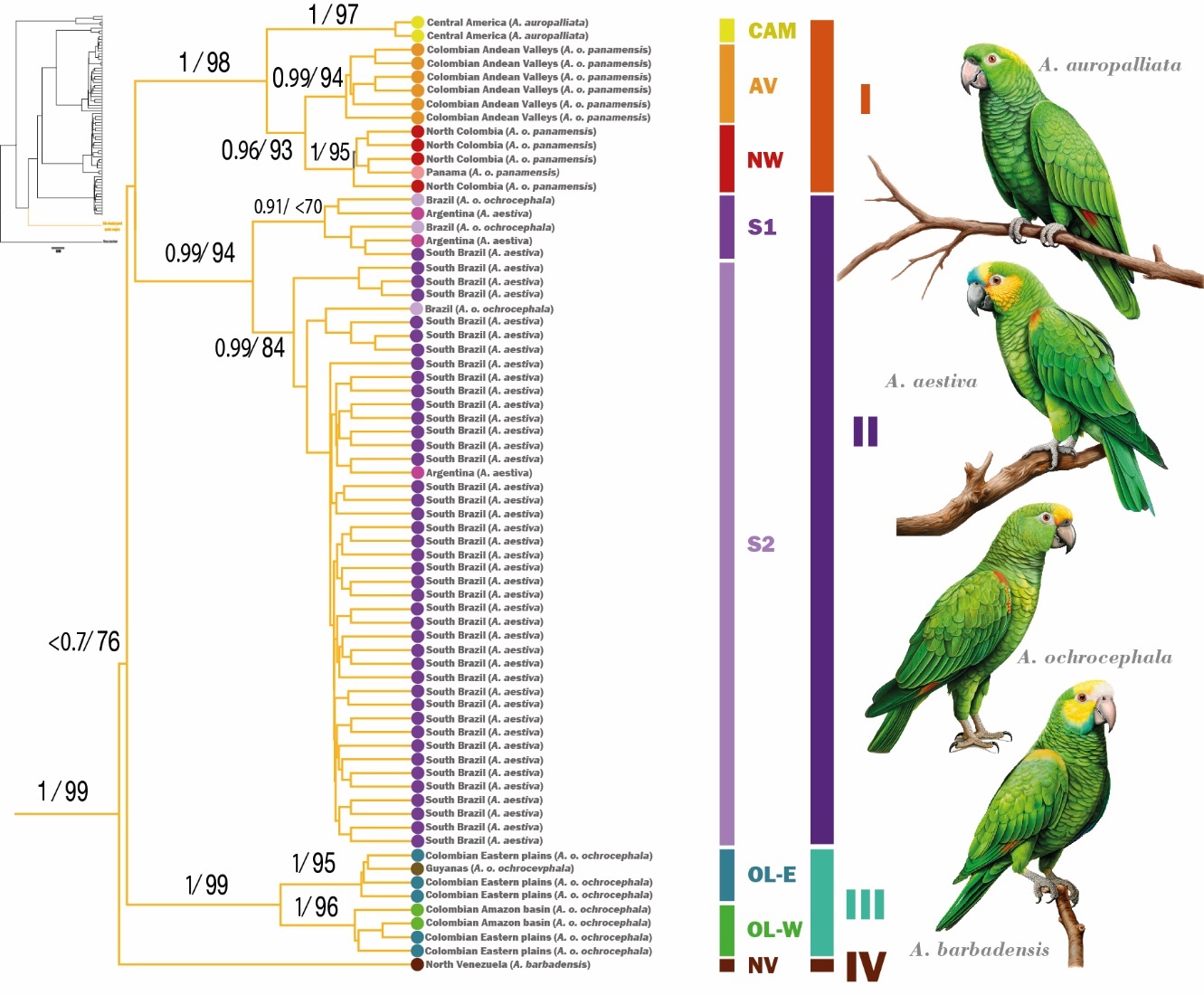
**Utilizing Mitochondrial Barcode Sequencing to Evaluate Phylogeographic Structure and Guide the Reintroduction of Illegally Traded Amazon Parrots**

**Supplementary Material**

**Figure S1**

**Fig. S1.**  Consensus COI gene tree of the *Amazona ochrocephala* or "yellow-headed parrot” species complex, along with their corresponding support values as posterior probability PP (left) / bootstrap support (right). Only support values higher that 0.7/70 are shown. Tip colours indicate geographic locality.

**Table S1.** Number of samples, number of haplotypes and geographically delimitated genetic groups for the six species of Amazon parrots evaluated.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Species | Number of sequences known origin | Number of sequences Seized | Total number of sequences | Number of haplotypes of known origin | Number of haplotypes of known origin plus seized individuals | Phylogeographical clades | AMOVA test |
| *A. ochrocephala’s species complex* | 70 | 95 | 165 | 27 | 41 | NV=North Venezuela. *Amazona barbadensis*  S=Southern South America. *Amazona o. ochrocephala* + *A. aestiva*  EP-W= Colombian eastern plaints to west Amazonia. *Amazona o. ochrocephala*  EP-E= Colombian eastern plaints to east South America (Guyana). *Amazona o. ochrocephala*  N= North South America (North Colombia to Panama). *Amazona o. panamensis*  AV= Colombian Middle Magdalena Andean Valley. *Amazona o. panamensis*  CA= Middle America. *Amazona auropalliata* | p<0.001 |
| *A. farinosa* | 27 | 20 | 47 | 10 | 15 | TRA= Trans-Andean. West and north Colombia to Panama. *Amazona f. inornate*  CIA-W= Western part of the Cis-Andean region. Colombian Amazon basin and likely in easter plains. *Amazona f. farinosa*  CIA-E= Eastern part of the Cis-Andean region. *Amazona f. farinosa* | p<0.001 |
| *A. amazonica* | 22 | 26 | 48 | 12 | 24 | No significant structure. A single group from north Colombia to Brazil | p=0.4 |
| *A. autumnalis* | 14 | 13 | 27 | 3 | 4 | No significant structure. A single group from west Colombia to north Panama | P=1 |
| *A. festiva* | 4 | 2 | 6 | 2 | 2 | Northern group: Meta River in Colombia, most likely also in Orinoco River in Venezuela. *Amazona f. Bodini*  Southern group: Amazon River to Caquetá River. *A. f. festiva* | p=0.08 |
| *A. mercenaria* | 3 | 0 | 3 | 2 | 2 | Central Andean cordillera  Sierra Nevada de Santa Marta | NA |

**Table S2**. Information of the samples analyzed in the present study. IAvH: Instituto de Investigación de Recursos Biológicos Alexander von Humboldt; ICN: Instituto de Ciencias Naturales; STRI: Smithsonian Tropical Research Institute, NMNH: Smithsonian National Museum of Natural History. NFPC: Nanjing Forest Police College. Chicks identified taxonomically by molecular analysis are denoted by an asterisk. For seized individuals the most probable region of origin is shown based on the genetic analysis.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Species** | **COI Haplotype** | **Locality** | **Vaucher** | **ICN/BOLD Code** | **Source** |
| *Amazona amazonica* | NC-BR2 | Colombia, Atlántico, Luruaco, Los Pendales  Lat: 10.6166696548  Lon: -75.2166671753 | ICN:10669 | PQ345090 | Present study |
| *Amazona amazonica* | NC-BR1 | Colombia, Atlántico, Ponedera, Puerto Giraldo  Lat: 10.5000000000  Lon: -74.8166732788 | ICN:10698 | PQ345091 | Present study |
| *Amazona amazonica* | NC-BR1 | Colombia, Santander, Barrancabermeja, Peroles  Lat: 7.1666698460  Lon: -73.9166717500 | ICN:10707 | PQ345092 | Present study |
| *Amazona amazonica* | NC-BR3 | Colombia, Santander, Puerto Parra, Rio Oponcito  Lat: 6.6500000950  Lon: -73.9000015300 | ICN:10708 | PQ345093 | Present study |
| *Amazona amazonica* | NC-BR1 | Colombia, Cesar, Aguachica  Lat: 8.3333301544  Lon: -73.5833282471 | ICN:21275 | PQ345094 | Present study |
| *Amazona amazonica* | NC-BR1 | Colombia, Meta, Villavicencio, Peralonso  Lat: 4.09311  Lon: -73.35561 | ICN:10700 | PQ345095 | Present study |
| *Amazona amazonica* | NC-BR4 | Colombia, Meta, Vista Hermosa  Lat: 2.58541  Lon: -73.4847 | ICN:10704 | PQ345096 | Present study |
| *Amazona amazonica* | NC-BR5 | Colombia, Meta, Villavicencio, Peralonso  Lat: 4.09311  Lon: -73.35561 | ICN:10701 | PQ345097 | Present study |
| *Amazona amazonica* | NC-BR1 | Colombia, Meta, Villavicencio, Caño Negro | ICN:10705 | PQ345098 | Present study |
| *Amazona amazonica* | NC-BR6 | Colombia, Vichada, Cumaribo  Lat: 4.12544  Lon: -73.43013 | ICN:22068 | PQ345099 | Present study |
| *Amazona amazonica* | OLAM1 | Colombia, Casanare, Yopal  Lat: 5.332153967537313  Lon: -72.3654231222315 | Aa37 | PQ345100 | Present study |
| *Amazona amazonica* | NC-BR7 | Colombia, Casanare, Yopal  Lat: 5.332153967537313  Lon: -72.3654231222315 | Aa38 | PQ345101 | Present study |
| *Amazona amazonica* | NC-BR8 | Colombia, Casanare, Yopal  Lat: 5.332153967537313  Lon: -72.3654231222315 | Aa39 | PQ345102 | Present study |
| *Amazona amazonica* | NC-BR5 | Colombia, Neiva  Lat: 2.972437153069322  Lon: -75.2540990664602 | Aa40 | PQ345103 | Present study |
| *Amazona amazonica* | NC-BR9 | Colombia, Caquetá, Solano  Lat: 0.71666  Lon: -75.26667 | ICN:10703 | PQ345104 | Present study |
| *Amazona amazonica* | NC-BR1 | Colombia, San José del Guaviare  Lat: 2.5666699410  Lon: -72.6333313000 | ICN:17649 | PQ345105 | Present study |
| *Amazona amazonica* | NC-BR10 | Colombia, San José del Guaviare  Lat: 2.5666699410  Lon: -72.6333313000 | ICN:17650 | PQ345106 | Present study |
| *Amazona amazonica* | OLAM1 | Colombia, Puerto Santander  Lat: -0.6333299875  Lon: -72.2500000000 | ICN:24483 | PQ345107 | Present study |
| *Amazona amazonica* | NC-BR1 | Guyana | USNM: Birds:622357 | JQ173995 | Schindel et al. 2011 |
| *Amazona amazonica* | NC-BR1 | Brazil, Para, Jacareacanga | LGEMA:7301 | NPARR011-07 | São Paulo University, Botanical Department |
| *Amazona amazonica* | NC-BR11 | Brazil, Para, Jacareacanga | LGEMA:7302 | NPARR012-07 | São Paulo University, Botanical Department |
| *Amazona amazonica* | NC-BR1 | Brazil, Bahia | LGEMA:5863 | NPARR316-08 | São Paulo University, Botanical Department |
| *Amazona amazonica* | NC-BR12 | Seized. Precise origin cannot be inferred | 13788 | PQ345108 | Present study |
| *Amazona amazónica\** | NC-BR17 | Seized. Precise origin cannot be inferred | Asp12 | PQ345109 | Present study |
| *Amazona amazonica* | NC-BR1 | Seized. Precise origin cannot be inferred | Aa1 | PQ345110 | Present study |
| *Amazona amazonica* | UNK-1 | Seized. Precise origin cannot be inferred | Aa2 | PQ345111 | Present study |
| *Amazona amazonica* | UNK-2 | Seized. Precise origin cannot be inferred | Aa3 | PQ345112 | Present study |
| *Amazona amazonica* | NC-BR1 | Seized. Precise origin cannot be inferred | UNAL: BTBC:13160 | PQ345113 | Present study |
| *Amazona amazonica* | NC-BR14 | Seized. Precise origin cannot be inferred | UNAL: BTBC:13466 | PQ345114 | Present study |
| *Amazona amazonica* | NC-BR13 | Seized. Precise origin cannot be inferred | UNAL: BTBC:13691 | PQ345115 | Present study |
| *Amazona amazonica* | NC-BR1 | Seized. Precise origin cannot be inferred | UNAL: BTBC:13852 | PQ345116 | Present study |
| *Amazona amazonica* | NC-BR8 | Seized. Precise origin cannot be inferred | CAR:2201 | PQ345117 | Present study |
| *Amazona amazonica* | UNK-5 | Seized. Precise origin cannot be inferred | CAR:4493 | PQ345118 | Present study |
| *Amazona amazonica* | NC-BR1 | Seized. Precise origin cannot be inferred | CAR:2894 | PQ345119 | Present study |
| *Amazona amazonica* | UNK-5 | Seized. Precise origin cannot be inferred | CAR:4506 | PQ345120 | Present study |
| *Amazona amazonica* | NC-BR1 | Seized. Precise origin cannot be inferred | CAR:4486 | PQ345121 | Present study |
| *Amazona amazonica* | UNK-5 | Seized. Precise origin cannot be inferred | CAR:2749 | PQ345122 | Present study |
| *Amazona amazonica* | NC-BR15 | Seized. Precise origin cannot be inferred | CAR:2121 | PQ345123 | Present study |
| *Amazona amazonica* | UNK-4 | Seized. Precise origin cannot be inferred | CAR:4660 | PQ345124 | Present study |
| *Amazona amazonica* | UNK-1 | Seized. Precise origin cannot be inferred | CAR:2397 | PQ345125 | Present study |
| *Amazona amazonica* | UNK-1 | Seized. Precise origin cannot be inferred | CAR:1553 | PQ345126 | Present study |
| *Amazona amazonica* | OLAM2 | Seized. Assigned to the Orinoco llanos-Amazonia in Colombia | GES00743 | PQ345127 | Present study |
| *Amazona amazonica* | UNK-1 | Seized. Precise origin cannot be inferred | GES00742 | PQ345128 | Present study |
| *Amazona amazonica* | NC-BR1 | Seized. Precise origin cannot be inferred | GES00697 | PQ345129 | Present study |
| *Amazona amazonica* | UNK-3 | Seized. Precise origin cannot be inferred | Aa23 | PQ345130 | Present study |
| *Amazona amazonica* | NC-BR11 | Seized. Precise origin cannot be inferred | Aa24 | PQ345131 | Present study |
| *Amazona amazonica* | UNK-1 | Seized. Precise origin cannot be inferred | Aa25 | PQ345132 | Present study |
| *Amazona amazonica* | NC-BR16 | Seized. Precise origin cannot be inferred | Aa26 | PQ345133 | Present study |
| *Amazona farinosa* | CIA-E-1 | Guyana: Northwest District | USNM: Birds:621394 | JQ174002 | Schindel et al. 2011 |
| *Amazona farinosa* | CIA-E-1 | Guyana: Berbice | USNM: Birds:610150 | JQ174001 | Schindel et al. 2011 |
| *Amazona farinosa* | CIA-E-2 | Guyana: Northwest District | USNM: Birds:586309 | JQ174000 | Schindel et al. 2011 |
| *Amazona farinosa* | TRA-2 | Panama, Darien | STRIBC:386 | BSPBB485-12 | STRI |
| *Amazona farinosa* | TRA-1 | Panama, Darien | STRIBC:4009 | BSPBB486-12 | STRI |
| *Amazona farinosa* | TRA-1 | Colombia, Sucre | IAvH:15130 | IAVHB185-13 | IAvH |
| *Amazona farinosa* | TRA-3 | Colombia, Choco, Unguia | IAvH: A:3001 | IAVHB245-14 | IAvH |
| *Amazona farinosa* | TRA-3 | Colombia, Choco, Acandi | IAvH: A:3028 | IAVHB246-14 | IAvH |
| *Amazona farinosa* | TRA-1 | Colombia, Córdoba, Montelíbano  Lat: 8.0000000000  Lon: -75.8166732788 | ICN:10663 | PQ345134 | Present study |
| *Amazona farinosa* | TRA-1 | Colombia, Antioquia, Remedios  Lat: 7.0213093575211465  Lon: -74.69475619854809 | CSJ: a:3041 | PQ345135 | Present study |
| *Amazona farinosa* | TRA-1 | Colombia, Santander; Barrancabermeja  Lat: 7.1666698460  Lon: -73.9166717500 | ICN:10653 | PQ345136 | Present study |
| *Amazona farinosa* | TRA-4 | Colombia, Santander; Barrancabermeja  Lat: 7.1666698460  Lon: -73.9166717500 | ICN:10654 | PQ345137 | Present study |
| *Amazona farinosa* | TRA-1 | Colombia, Santander; Barrancabermeja  Lat: 7.1666698460  Lon: -73.9166717500 | ICN:10656 | PQ345138 | Present study |
| *Amazona farinosa* | TRA-1 | Colombia, Santander; Barrancabermeja  Lat: 7.1666698460  Lon: -73.9166717500 | ICN:10657 | PQ345139 | Present study |
| *Amazona farinosa* | TRA-1 | Colombia, Santander, Puerto Parra  Lat: 6.6333298680  Lon: -73.9166717500 | ICN:18076 | PQ345140 | Present study |
| *Amazona farinosa* | TRA-5 | Colombia, Santander; Barrancabermeja  Lat: 7.1666698460  Lon: -73.9166717500 | ICN:10652 | PQ345141 | Present study |
| *Amazona farinosa* | TRA-6 | Colombia, Cundinamarca, Puerto Salgar  Lat: 5.668136  Lon: -74.61664 | ICN:18267 | PQ345142 | Present study |
| *Amazona farinosa* | TRA-1 | Colombia, Cauca, Guapi  Lat: 2.5999999046  Lon: -77.9000015259 | ICN:10659 | PQ345143 | Present study |
| *Amazona farinosa* | TRA-1 | Colombia, Cauca, Guapi  Lat: 2.5999999046  Lon: -77.9000015259 | Afa28 | PQ345144 | Present study |
| *Amazona farinosa* | TRA-1 | Colombia, Cauca, Guapi  Lat: 2.5999999046  Lon: -77.9000015259 | Afa29 | PQ345145 | Present study |
| *Amazona farinosa* | CIA-W-1 | Colombia, Caqueta, Solano  Lat: 0.7166600227  Lon: -75.2666702271 | ICN:14990 | PQ345146 | Present study |
| *Amazona farinosa* | CIA-W-1 | Colombia, Guaviare, San José del Guaviare  Lat: 2.5666699410  Lon: -726333313000 | ICN:17651 | PQ345147 | Present study |
| *Amazona farinosa* | CIA-W-1 | Colombia, Vaupes, Caruru  Lat: 1.128  Lon: -71.572 | IAvH: A:1285 | IAVHB243-14 | IAvH |
| *Amazona farinosa* | CIA-W-1 | Colombia, Caquetá, Solano  Lat: 0.217  Lon: -71.583 | IAvH:11614 | IAVHB007-13 | IAvH |
| *Amazona farinosa* | CIA-W-1 | Colombia, Guaviare, San José del Guaviare  Lat: 2.5666699410  Lon: -726333313000 | P3 | PQ345148 | Present study |
| *Amazona farinosa* | CIA-W-1 | Colombia, Guaviare, San José del Guaviare  Lat: 2.5666699410  Lon: -726333313000 | P17 | PQ345149 | Present study |
| *Amazona farinosa* | TRA-7 | Colombia, Cauca, Guapi  Lat: 2.5999999046  Lon: -77.9000015259 | ICN:10658 | PQ345150 | Present study |
| *Amazona farinosa* | TRA-1 | Seized  Assigned to the Trans Andean region of Colombia | Afa1 | PQ345151 | Present study |
| *Amazona farinosa* | CIA-W-1 | Seized | Afa2 | PQ345152 | Present study |
| *Amazona farinosa* | TRA-1 | Seized  Assigned to the Trans Andean region of Colombia | Afa3 | PQ345153 | Present study |
| *Amazona farinosa* | TRA-9 | Seized  Assigned to the Trans Andean region of Colombia | Afa4 | PQ345154 | Present study |
| *Amazona farinosa* | TRA-6 | Seized  Assigned to the Trans Andean region of Colombia | GES01110 | PQ345155 | Present study |
| *Amazona farinosa* | CIA-W-1 | Seized  Assigned to the Cis Andean region of Colombia | GES01109 | PQ345156 | Present study |
| *Amazona farinosa* | TRA-1 | Seized  Assigned to the Trans Andean region of Colombia | Afa9 | PQ345157 | Present study |
| *Amazona farinosa* | CIA-W-2 | Seized  Assigned to the Cis Andean region of Colombia | Afa10 | PQ345158 | Present study |
| *Amazona farinosa* | CIA-W-1 | Seized  Assigned to the Cis Andean region of Colombia | Afa11 | PQ345159 | Present study |
| *Amazona farinosa* | CIA-W-1 | Seized  Assigned to the Cis Andean region of Colombia | Afa12 | PQ345160 | Present study |
| *Amazona farinosa* | CIA-W-3 | Seized  Assigned to the Cis Andean region of Colombia | Afa13 | PQ345161 | Present study |
| *Amazona farinosa* | TRA-8 | Seized  Assigned to the Trans Andean region of Colombia | Afa14 | PQ345162 | Present study |
| *Amazona farinosa* | TRA-1 | Seized  Assigned to the Trans Andean region of Colombia | Afa15 | PQ345163 | Present study |
| *Amazona farinosa* | TRA-1 | Seized  Assigned to the Trans Andean region of Colombia | Afa16 | PQ345164 | Present study |
| *Amazona farinosa* | TRA-1 | Seized  Assigned to the Trans Andean region of Colombia | Afa17 | PQ345165 | Present study |
| *Amazona farinosa* | TRA-10 | Seized  Assigned to the Trans Andean region of Colombia | CEA:169 | PQ345166 | Present study |
| *Amazona farinosa* | CIA-W-1 | Seized  Assigned to the Cis Andean region of Colombia | CEA:408 | PQ345167 | Present study |
| *Amazona farinosa* | CIA-W-1 | Seized  Assigned to the Cis Andean region of Colombia | CEA:302 | PQ345168 | Present study |
| *Amazona farinosa* | CIA-W-1 | Seized  Assigned to the Cis Andean region of Colombia | URRAS-67 | PQ345169 | Present study |
| *Amazona farinosa* | CIA-W-1 | Seized  Assigned to the Cis Andean region of Colombia | URRAS-76 | PQ345170 | Present study |
| *Amazona barbadensis* | NV-1 | North of Venezuela | POTNW101 | JX524615 | Urantowka et al. 2013 |
| *Amazona auropalliata* | CAM-1 |  |  | NC063712 | NFPC |
| *Amazona auropalliata* | CAM-1 |  |  | MW151697 | NFPC |
| *Amazona aestiva* | S1-2 | Argentina | MACN-Or-ct 3075 | FJ027054 | Kerr et al. 2009 |
| *Amazona aestiva* | S1-1 | Argentina | MACN-Or-ct 3060 | FJ027053 | Kerr et al. 2009 |
| *Amazona aestiva* | S2-1 | Argentina: Corrientes | MACN-Or-ct 2370 | FJ027055 | Kerr et al. 2009 |
| *Amazona aestiva* | S2-2 | Brazil |  | KT361659 | Lima et al. 2018 |
| *Amazona aestiva* | S1-2 | Brazil | AFB-HARI | KR017984 | Gilbert,K. 2015 |
| *Amazona aestiva* | S2-3 | Brazil |  | KF771235 | Carvalho. 2014 |
| *Amazona aestiva* | S1-4 | Brazil | fvv343 | JX476324 | Ribas, Tavares, et al. 2007 |
| *Amazona aestiva* | S1-5 | Brazil | 4162 | JX476307 | Ribas, Tavares, et al. 2007 |
| *Amazona aestiva* | S1-5 | Brazil | fvv161 | JX476317 | Ribas, Tavares, et al. 2007 |
| *Amazona aestiva* | S2-2 | Brazil | fvv553 | JX476326 | Ribas, Tavares, et al. 2007 |
| *Amazona aestiva* | S2-4 | Brazil | fvv192 | JX476319 | Ribas, Tavares, et al. 2007 |
| *Amazona aestiva* | S2-5 | Brazil | fvv332 | JX476322 | Ribas, Tavares, et al. 2007 |
| *Amazona aestiva* | S2-1 | Brazil | 4056 | JX476306 | Ribas, Tavares, et al. 2007 |
| *Amazona aestiva* | S2-1 | Brazil | CBT31100002 | JX476308 | Ribas, Tavares, et al. 2007 |
| *Amazona aestiva* | S2-1 | Brazil | conmg427 | JX476309 | Ribas, Tavares, et al. 2007 |
| *Amazona aestiva* | S2-1 | Brazil | CONSER005 | JX476311 | Ribas, Tavares, et al. 2007 |
| *Amazona aestiva* | S2-1 | Brazil | fvv039 | X476312 | Ribas, Tavares, et al. 2007 |
| *Amazona aestiva* | S2-1 | Brazil | fvv049 | JX476313 | Ribas, Tavares, et al. 2007 |
| *Amazona aestiva* | S2-1 | Brazil | fvv066 | JX476314 | Ribas, Tavares, et al. 2007 |
| *Amazona aestiva* | S2-1 | Brazil | fvv074 | JX476315 | Ribas, Tavares, et al. 2007 |
| *Amazona aestiva* | S2-1 | Brazil | fvv078 | JX476316 | Ribas, Tavares, et al. 2007 |
| *Amazona aestiva* | S2-1 | Brazil | fvv190 | JX476318 | Ribas, Tavares, et al. 2007 |
| *Amazona aestiva* | S2-1 | Brazil | fvv267 | JX476320 | Ribas, Tavares, et al. 2007 |
| *Amazona aestiva* | S2-1 | Brazil | fvv276 | JX476321 | Ribas, Tavares, et al. 2007 |
| *Amazona aestiva* | S2-1 | Brazil | fvv339 | JX476323 | Ribas, Tavares, et al. 2007 |
| *Amazona aestiva* | S2-1 | Brazil | fvv385 | JX476325 | Ribas, Tavares, et al. 2007 |
| *Amazona aestiva* | S2-1 | Brazil | fvv558 | JX476328 | Ribas, Tavares, et al. 2007 |
| *Amazona aestiva* | S2-1 | Brazil | fvv573 | JX476329 | Ribas, Tavares, et al. 2007 |
| *Amazona aestiva* | S2-1 | Brazil | fvv588 | JX476330 | Ribas, Tavares, et al. 2007 |
| *Amazona aestiva* | S2-1 | Brazil | fvv589 | JX476331 | Ribas, Tavares, et al. 2007 |
| *Amazona aestiva* | S2-1 | Brazil | fvv597 | JX476332 | Ribas, Tavares, et al. 2007 |
| *Amazona aestiva* | S2-1 | Brazil | fvvmg032 | JX476333 | Ribas, Tavares, et al. 2007 |
| *Amazona aestiva* | S2-1 | Brazil | fvvmg059 | JX476334 | Ribas, Tavares, et al. 2007 |
| *Amazona aestiva* | S2-1 | Brazil | fvvmg95153 | JX476335 | Ribas, Tavares, et al. 2007 |
| *Amazona aestiva* | S2-1 | Brazil | fvvmg95168 | JX476336 | Ribas, Tavares, et al. 2007 |
| *Amazona aestiva* | S2-1 | Brazil | fvvmg95198 | JX476338 | Ribas, Tavares, et al. 2007 |
| *Amazona aestiva* | S2-1 | Brazil | 4045 | JX476339 | Ribas, Tavares, et al. 2007 |
| *Amazona aestiva* | S2-1 | Brazil | fvv279 | JX476340 | Ribas, Tavares, et al. 2007 |
| *Amazona aestiva* | S2-1 | Brazil | fvv576 | JX476341 | Ribas, Tavares, et al. 2007 |
| *Amazona aestiva* | S2-1 | Brazil | L588:2 | JX476342 | Ribas, Tavares, et al. 2007 |
| *Amazona aestiva* | S2-1 | Brazil | fvvmg95154 | JX476343 | Ribas, Tavares, et al. 2007 |
| *Amazona aestiva* | S2-1 | Brazil | fvvr97 | JX476344 | Ribas, Tavares, et al. 2007 |
| *Amazona aestiva* | S2-6 | Brazil | fvvmg95169 | JX476337 | Ribas, Tavares, et al. 2007 |
| *Amazona aestiva* | S2-7 | Brazil | fvv557 | JX476327 | Ribas, Tavares, et al. 2007 |
| *Amazona aestiva* | S2-8 | Brazil | CONSER004 | JX476310 | Ribas, Tavares, et al. 2007 |
| *Amazona ochrocephala* | S1-6 | Brazil |  | KM611467 | Eberhard y Wright 2016 |
| *Amazona ochrocephala* | S1-3 | Brazil: Para | USNM: Birds:541328 | JQ174006 | Schindel et al. 2011 |
| *Amazona ochrocephala* | S1-2 | Brazil: Para | USNM: Birds:572511 | JQ174005 | Schindel et al. 2011 |
| *Amazona ochrocephala* | AV-1 | Colombia, Cundinamarca, Quetame | IAvH: A:6492 | IAVHB251-14 | IAvH |
| *Amazona ochrocephala* | AV-1 | Colombia, Antioquia, Remedios  Lat: 7.021079331683414  Lon: -74.69450944778997 | ITM:1485 | PQ345171 | Present study |
| *Amazona ochrocephala* | AV-2 | Colombia, Caldas, La dorada  Lat: 5.5166702271  Lon: -74.7333297729 | ICN:23209 | PQ345172 | Present study |
| *Amazona ochrocephala* | AV-1 | Colombia, Bolívar, San Fernando  Lat: 9.0833301544  Lon: -74.3333282471 | ICN:30722 | PQ345173 | Present study |
| *Amazona ochrocephala* | AV-1 | Colombia, Antioquia, Medellín  Lat: 6.221070381734521  Lon: -75.67119908777403 | ITM:2715 | PQ345174 | Present study |
| *Amazona ochrocephala* | AV-3 | Colombia, Antioquia, Remedios  Lat: 7.021079331683414  Lon: -74.69450944778997 | CSJ-a 3056 | PQ345175 | Present study |
| *Amazona ochrocephala* | NW-1 | Colombia, Antioquia, Turbo  Lat: 8.1000003815  Lon: -76.7166671753 | ICN:10666 | PQ345176 | Present study |
| *Amazona ochrocephala* | NW-2 | Panama, Cocle, Anton | PA-AOC591 | BSPBA298-07 | STRI |
| *Amazona ochrocephala* | NW-3 | Colombia, Antioquia, Turbo  Lat: 8.1000003815  Lon: -76.7166671753 | ICN:10668 | PQ345177 | Present study |
| *Amazona ochrocephala* | NW-2 | Colombia, Atlántico, Ponedera  Lat: 10.5000000000  Lon: -74.8166732788 | ICN:10670 | PQ345178 | Present study |
| *Amazona ochrocephala* | NW-5 | Colombia, Antioquia, Turbo  Lat: 8.1000003815  Lon: -76.7166671753 | ICN:10665 | PQ345179 | Present study |
| *Amazona ochrocephala* | OL-E-1 | Guyana | USNM: Birds:626049 | JQ174004 | Schindel et al. 2011 |
| *Amazona ochrocephala* | OL-E-2 | Colombia, Guaviare, San José del Guaviare  Lat: 2.5666699410  Lon: -726333313000 | ICN:17652 | PQ345180 | Present study |
| *Amazona ochrocephala* | OL-E-3 | Colombia, Meta, Vista Hermosa  Lat: 2.58541  Lon: -73.4847 | ICN:10672 | PQ345181 | Present study |
| *Amazona ochrocephala* | OL-E-3 | Colombia, Meta, Vista Hermosa  Lat: 2.58541  Lon: -73.4847 | ICN:10675 | PQ345182 | Present study |
| *Amazona ochrocephala* | OL-W-1 | Colombia, Caquetá, Solano  Lat: 0.71666  Lon: -75.26667 | ICN: 10676 | PQ345183 | Present study |
| *Amazona ochrocephala* | OL-W-2 | Colombia, Amazonas, Puerto Nariño  Lat: -3.8329999447  Lon: -70.4499969482 | ICN:22618 | PQ345184 | Present study |
| *Amazona ochrocephala* | OL-W-3 | Colombia, Meta, Vista Hermosa  Lat: 2.58541  Lon: -73.4847 | ICN:10674 | PQ345185 | Present study |
| *Amazona ochrocephala* | OL-W-2 | Colombia, Meta, Vista Hermosa  Lat: 2.58541  Lon: -73.4847 | ICN:10673 | PQ345186 | Present study |
| *Amazona ochrocephala\** | OL-E-4 | Seized  Assigned to the Orinoco Llanos east Colombia | Asp1 | PQ345187 | Present study |
| *Amazona ochrocephala\** | OL-E-3 | Seized  Assigned to the Orinoco Llanos east Colombia | Asp2 | PQ345188 | Present study |
| *Amazona ochrocephala\** | OL-E-3 | Seized  Assigned to the Orinoco Llanos east Colombia | Asp3 | PQ345189 | Present study |
| *Amazona ochrocephala\** | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | Asp4 | PQ345190 | Present study |
| *Amazona ochrocephala\** | OL-E-3 | Seized  Assigned to the Orinoco Llanos east Colombia | Asp5 | PQ345191 | Present study |
| *Amazona ochrocephala\** | OL-E-3 | Seized  Assigned to the Orinoco Llanos east Colombia | Asp6 | PQ345192 | Present study |
| *Amazona ochrocephala\** | OL-W-2 | Seized  Assigned to the Orinoco Llanos west Colombia | Asp7 | PQ345193 | Present study |
| *Amazona ochrocephala\** | OL-E-3 | Seized  Assigned to the Orinoco Llanos east Colombia | Asp8 | PQ345194 | Present study |
| *Amazona ochrocephala\** | OL-E-5 | Seized  Assigned to the Orinoco Llanos east Colombia | Asp9 | PQ345195 | Present study |
| *Amazona ochrocephala* | OL-E-3 | Seized  Assigned to the Orinoco Llanos east Colombia | 13818 | PQ345196 | Present study |
| *Amazona ochrocephala* | OL-E-3 | Seized  Assigned to the Orinoco Llanos east Colombia | Aoc1 | PQ345197 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | Aoc2 | PQ345198 | Present study |
| *Amazona ochrocephala* | AV-4 | Seized  Assigned to Middle Magdalena Andean valley | Aoc4 | PQ345199 | Present study |
| *Amazona ochrocephala* | OL-W-4 | Seized  Assigned to the Orinoco Llanos west Colombia | Aoc5 | PQ345200 | Present study |
| *Amazona ochrocephala* | OL-E-3 | Seized  Assigned to the Orinoco Llanos east Colombia | UNAL: BTBC:10940 | PQ345201 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | UNAL: BTBC:6015 | PQ345202 | Present study |
| *Amazona ochrocephala* | OL-E-3 | Seized  Assigned to the Orinoco Llanos east Colombia | UNAL: BTBC:10970 | PQ345203 | Present study |
| *Amazona ochrocephala* | OL-E-3 | Seized  Assigned to the Orinoco Llanos east Colombia | UNAL: BTBC:13117 | PQ345204 | Present study |
| *Amazona ochrocephala* | OL-E-3 | Seized  Assigned to the Orinoco Llanos east Colombia | UNAL: BTBC:13118 | PQ345205 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | UNAL: BTBC:9581 | PQ345206 | Present study |
| *Amazona ochrocephala* | NW-2 | Seized | CAR:2261 | PQ345207 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | CAR:4494 | PQ345208 | Present study |
| *Amazona ochrocephala* | NW-2 | Seized  Assigned to Northwest Colombia | CAR:4481 | PQ345209 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | CAR:4477 | PQ345210 | Present study |
| *Amazona ochrocephala* | OL-E-3 | Seized  Assigned to the Orinoco Llanos east Colombia | CAR:2138 | PQ345211 | Present study |
| *Amazona ochrocephala* | OL-E-3 | Seized  Assigned to the Orinoco Llanos east Colombia | CAR:2130 | PQ345212 | Present study |
| *Amazona ochrocephala* | OL-E-6 | Seized  Assigned to the Orinoco Llanos east Colombia | CAR:2554 | PQ345213 | Present study |
| *Amazona ochrocephala* | OL-E-7 | Seized  Assigned to the Orinoco Llanos east Colombia | CAR:2656 | PQ345214 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | CAR:2897 | PQ345215 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | CAR:2555 | PQ345216 | Present study |
| *Amazona ochrocephala* | AV-5 | Seized  Assigned to Middle Magdalena Andean valley | CAR:4769 | PQ345217 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | CAR:2479 | PQ345218 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | CAR:2537 | PQ345219 | Present study |
| *Amazona ochrocephala* | AV-6 | Seized  Assigned to Middle Magdalena Andean valley | CAR:2449 | PQ345220 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | CAR:4502 | PQ345221 | Present study |
| *Amazona ochrocephala* | OL-E-3 | Seized  Assigned to the Orinoco Llanos east Colombia | CAR:46601 | PQ345222 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | CAR:4700 | PQ345223 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | CAR:2707 | PQ345224 | Present study |
| *Amazona ochrocephala* | OL-E-8 | Seized  Assigned to the Orinoco Llanos east Colombia | CAR:2075 | PQ345225 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | CAR:2125 | PQ345226 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | CAR:2548 | PQ345227 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | CAR:2711 | PQ345228 | Present study |
| *Amazona ochrocephala* | OL-E-3 | Seized  Assigned to the Orinoco Llanos east Colombia | CAR:2476 | PQ345229 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | CAR:2055 | PQ345230 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | CAR:1276 | PQ345231 | Present study |
| *Amazona ochrocephala* | OL-W-2 | Seized  Assigned to the Orinoco Llanos west Colombia | CAR:2396 | PQ345232 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | CAR:2328 | PQ345233 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | CAR:2522 | PQ345234 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | CAR:2523 | PQ345235 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | CAR:1036 | PQ345236 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | CAR:1278 | PQ345237 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | CAR:2803 | PQ345238 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | CAR:1450 | PQ345239 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | GES00713 | PQ345240 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | Aoc46 | PQ345241 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | Aoc47 | PQ345242 | Present study |
| *Amazona ochrocephala* | NW-2 | Seized  Assigned to Northwest Colombia | Aoc48 | PQ345243 | Present study |
| *Amazona ochrocephala* | AV-7 | Seized  Assigned to Middle Magdalena Andean valley | Aoc49 | PQ345244 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | Aoc50 | PQ345245 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | CEA:183 | PQ345246 | Present study |
| *Amazona ochrocephala* | NW-5 | Seized  Assigned to Northwest Colombia | CEA:308 | PQ345247 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | 26119 | PQ345248 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | 02703 | PQ345249 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | 93557 | PQ345250 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | 93281 | PQ345251 | Present study |
| *Amazona ochrocephala* | OL-E-3 | Seized  Assigned to the Orinoco Llanos east Colombia | 96066 | PQ345252 | Present study |
| *Amazona ochrocephala* | OL-E-3 | Seized  Assigned to the Orinoco Llanos east Colombia | 95149 | PQ345253 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | 26427 | PQ345254 | Present study |
| *Amazona ochrocephala* | OL-E-3 | Seized  Assigned to the Orinoco Llanos east Colombia | 00249 | PQ345255 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | 22575 | PQ345256 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | 22454 | PQ345257 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | 24737 | PQ345258 | Present study |
| *Amazona ochrocephala* | OL-W-4 | Seized  Assigned to the Orinoco Llanos west Colombia | 28175 | PQ345259 | Present study |
| *Amazona ochrocephala* | OL-E-9 | Seized  Assigned to the Orinoco Llanos east Colombia | 22819 | PQ345260 | Present study |
| *Amazona ochrocephala* | OL-E-3 | Seized  Assigned to the Orinoco Llanos east Colombia | 95616 | PQ345261 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | 94292 | PQ345262 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | 22577 | PQ345263 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | 95165 | PQ345264 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | 22883 | PQ345265 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | 22576 | PQ345266 | Present study |
| *Amazona ochrocephala* | OL-E-3 | Seized  Assigned to the Orinoco Llanos east Colombia | 99767 | PQ345267 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | 95299 | PQ345268 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | 67634 | PQ345269 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | 22133 | PQ345270 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | 26919 | PQ345271 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | 31332 | PQ345272 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | 95062 | PQ345273 | Present study |
| *Amazona ochrocephala* | NW-2 | Seized  Assigned to Northwest Colombia | 01259 | PQ345274 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | 00811 | PQ345275 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | 25111 | PQ345276 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | 22171 | PQ345277 | Present study |
| *Amazona ochrocephala* | OL-E-9 | Seized  Assigned to the Orinoco Llanos east Colombia | 22597 | PQ345278 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | 95042 | PQ345279 | Present study |
| *Amazona ochrocephala* | OL-E-3 | Seized  Assigned to the Orinoco Llanos east Colombia | 22367 | PQ345280 | Present study |
| *Amazona ochrocephala* | AV-1 | Seized  Assigned to Middle Magdalena Andean valley | 21993 | PQ345281 | Present study |
| *Amazona autumnalis* | N-W-1 | Colombia, Antioquia, Remedios  Lat: 7.021079331683414  Lon: -74.69450944778997 | CSJ-a 3235 | PQ345282 | Present study |
| *Amazona autumnalis* | N-W-2 | Colombia, Cauca, Guapi  Lat: 2.5786321130533367  Lon:-77.86634764599303 | Aau17 | PQ345283 | Present study |
| *Amazona autumnalis* | N-W-2 | Colombia, Cauca, Guapi  Lat: 2.5786321130533367  Lon:-77.86634764599303 | Aau18 | PQ345284 | Present study |
| *Amazona autumnalis* | N-W-2 | Colombia, Choco, Riosucio  Lat: 7.844  Lon: -77.134 | IAvH: A:4174 | IAVHB242-14 | IAvH |
| *Amazona autumnalis* | N-W-3 | Colombia, Córdoba, Montería  Lat: 8.713388610393318  Lon: -75.86228129469634 | Monteria 2 | PQ345285 | Present study |
| *Amazona autumnalis* | N-W-2 | Colombia, Córdoba, Montería  Lat: 8.713388610393318  Lon: -75.86228129469634 | Monteria 3 | PQ345286 | Present study |
| *Amazona autumnalis* | N-W-2 | Panama, Bocas Del Toro  Lat: 9.233  Lon: -82.267 | B06446 | USNMC042-10 | NMNH |
| *Amazona autumnalis* | N-W-2 | Panama, Bocas Del Toro  Lat: 9.233  Lon: -82.267 | USNM: Birds:612297 | JQ173996 | Schindel et al. 2011 |
| *Amazona autumnalis* | N-W-2 | Panama, Bocas Del Toro  Lat: 9.233  Lon: -82.267 | USNM: Birds:B06446 | JQ173997 | Schindel et al. 2011 |
| *Amazona autumnalis* | N-W-2 | Panama, Darien  Lat: 8.361  Lon: -77.949b | STRIBC-2897 | BSPBB425-12 | NMNH |
| *Amazona autumnalis* | N-W-2 | Colombia, Cauca, Guapi  Lat: 2.5786321130533367  Lon:-77.86634764599303 | P11 | PQ345287 | Present study |
| *Amazona autumnalis* | N-W-2 | Colombia, Cauca, Guapi  Lat: 2.5786321130533367  Lon:-77.86634764599303 | P12 | PQ345288 | Present study |
| *Amazona autumnalis* | N-W-2 | Colombia, Cauca, Guapi  Lat: 2.5786321130533367  Lon:-77.86634764599303 | P13 | PQ345289 | Present study |
| *Amazona autumnalis* | N-W-2 | Colombia, Cauca, Guapi  Lat: 2.5786321130533367  Lon:-77.86634764599303 | P14 | PQ345290 | Present study |
| *Amazona autumnalis* | N-W-2 | Seized  Assigned to Northwest Colombia | Aau1 | PQ345291 | Present study |
| *Amazona autumnalis* | N-W-2 | Seized  Assigned to Northwest Colombia | Aau2 | PQ345292 | Present study |
| *Amazona autumnalis* | N-W-2 | Seized  Assigned to Northwest Colombia | UNAL: BTBC:12201 | PQ345293 | Present study |
| *Amazona autumnalis* | N-W-2 | Seized  Assigned to Northwest Colombia | GES01108 | PQ345294 | Present study |
| *Amazona autumnalis* | N-W-2 | Seized  Assigned to Northwest Colombia | GES01107 | PQ345295 | Present study |
| *Amazona autumnalis* | N-W-4 | Seized  Assigned to Northwest Colombia | GES011717 | PQ345296 | Present study |
| *Amazona autumnalis* | N-W-2 | Seized  Assigned to Northwest Colombia | 29 | PQ345297 | Present study |
| *Amazona autumnalis* | N-W-2 | Seized  Assigned to Northwest Colombia | 7 | PQ345298 | Present study |
| *Amazona autumnalis* | N-W-2 | Seized  Assigned to Northwest Colombia | 19 | PQ345299 | Present study |
| *Amazona autumnalis* | N-W-2 | Seized  Assigned to Northwest Colombia | 22 | PQ345300 | Present study |
| *Amazona autumnalis* | N-W-2 | Seized  Assigned to Northwest Colombia | 20 | PQ345301 | Present study |
| *Amazona autumnalis* | N-W-2 | Seized  Assigned to Northwest Colombia | 18 | PQ345302 | Present study |
| *Amazona autumnalis* | N-W-2 | Seized  Assigned to Northwest Colombia | Aau15 | PQ345303 | Present study |
| *Amazona festiva* | MR-1 | Colombia, Casanare, Hato Corozal  Lat : 6.15221572153723, Lon:-  71.76613657012047 | ICN:24257 | PQ345304 | Present study |
| *Amazona festiva* | MR-2 | Colombia, Arauca, Arauca  Lat: 7.087  Lon: -70.759 | IAvH-A-3214 | IAVHB247-14 | IAvH |
| *Amazona festiva* | CR-AR-1 | Brazil, Para, Rio Busutuba, Ilha Caviana | LGEMA-5249 | NPARR311-08 | SUBD |
| *Amazona festiva* | CR-AR-1 | Colombia, Caquetá, Solano  Lat: -0.599  Lon: -72.407 | IAvH-A-7480 | IAVHB248-14 | IAvH |
| *Amazona festiva* | MR-4 | Seized Assigned to Meta River | UNAL: BTBC:13613 | PQ345305 | Present study |
| *Amazona festiva* | MR-1 | Seized Assigned to Meta River | ICN:27328 | PQ345306 | Present study |
| *Amazona Mercenaria* | CA | Colombia, Tolima, Planadas  Lat: 3.112672655448967  Lon: -75.62400466119675 | ICN:10696 | PQ345307 | Present study |
| *Amazona Mercenaria* | SNSM | Colombia, Magdalena, Sierra Nevada de Santamarta  Lat: 10.900000  Lon: -74.040000 | ICN:23248 | PQ345308 | Present study |
| *Amazona Mercenaria* | SNSM | Colombia, Magdalena, Sierra Nevada de Santamarta  Lat: 1.112  Lon: -74.04 | IAvH: A:440 | IAVHB249-14 | IAvH |

**Table S3.** Genetic distance between the six Amazon parrot species

|  |  |  |  |
| --- | --- | --- | --- |
| Species 1 | Species 2 | Dist | Std. Err |
| *A. amazonica* | *A. autumnalis* | 0.052 | 0.009 |
| *A. amazonica* | *A. farinosa* | 0.052 | 0.008 |
| *A. amazonica* | *A. festiva* | 0.055 | 0.009 |
| *A. amazonica* | *A. mercenarius* | 0.045 | 0.008 |
| *A. amazonica* | *A. ochrocephala* Species Complex | 0.059 | 0.009 |
| *A. autumnalis* | *A. farinosa* | 0.051 | 0.009 |
| *A. autumnalis* | *A. festiva* | 0.062 | 0.009 |
| *A. autumnalis* | *A. mercenarius* | 0.047 | 0.009 |
| *A. autumnalis* | *A. ochrocephala* Species Complex | 0.057 | 0.009 |
| *A. farinosa* | *A. festiva* | 0.060 | 0.009 |
| *A. farinosa* | *A. mercenarius* | 0.035 | 0.007 |
| *A. farinosa* | *A. ochrocephala* Species Complex | 0.054 | 0.009 |
| *A. festiva* | *A. mercenarius* | 0.059 | 0.009 |
| *A. festiva* | *A. ochrocephala* Species Complex | 0.064 | 0.009 |
| *A. mercenarius* | *A. ochrocephala* Species Complex | 0.041 | 0.007 |