

## CHANGES TO IBPAOU22.DBF (FROM IBPAOU21.DBF) BASED ON AOS (2022)

This file documents all changes to species names and codes to IBPAOU22 (from IBPAOU21) performed in August 2022. These changes are based on changes to species and nomenclature as recorded in the 63rd Supplement to the AOS Checklist, made available online by the AOS in early August 2022. In all cases additions and changes were thoroughly cross-checked for new conflicts and for the release of old conflicts. Unless stated it can be assumed that no new conflicts occurred. NUMB, CAT, PNO, and ORD codes (species number, category, species status, and order) are internal codes used by IBP, in part to resolve conflicts (see Pyle and DeSante 2003, listed on [IBP's alpha-code page](#) for details).

Moved: Labrador Duck (*Camptorhynchus labradorius*) to a position following Steller's Eider.

Changed: Antillean Mango (*Anthracothorax dominicus*) to Hispaniolan Mango, SPEC to HIMA (from ANMA).

Inserted: Puerto Rican Mango (*Anthracothorax aurulentus*) (after Hispaniolan Mango); NUMB=07783, CAT=3, SPEC=PRMA, ORD=1, SPEC6=ANTAU, ORD6=1.

Inserted: Tres Marias Hummingbird (*Cyanthus lawrencei*) (after Broad-billed Hummingbird); NUMB=08013, CAT=3, SPEC=TMHU, ORD=1, SPEC6=CYNLAW, ORD6=1.

Inserted: Turquoise-crowned Hummingbird (*Cyanthus doubledayi*) (after Tres Marias Hummingbird); NUMB=08017, CAT=3, SPEC=TCHU, ORD=1, SPEC6=CYNDOU, ORD6=1.

Removed: Long-tailed Sabrewing (*Pampa excellens*), SPEC LTSA, SPEC6 PAMMEX.

Changed: Streamertail (*Trochilus polytmus*) to Red-billed Streamertail, SPEC to RBST (from STRM), ORD to 1 (from 2). No change results to SPEC of CAT=2 species Slate-throated Redstart (STRE) from this change.

Inserted: Black-billed Streamertail (*Trochilus scitulus*) (after Red-billed Streamertail), NUMB=08153, CAT=3, SPEC=BBST, ORD=1, SPEC6=TROSCI, ORD6=1.

Changed: *Leucolia violiceps* (Violet-crowned Hummingbird) to *Ramosomyia violiceps*, SPEC6 to RAMVIO (from LEUVIO).

Changed: *Leucolia viridifrons* (Green-fronted Hummingbird) to *Ramosomyia violiceps*, SPEC6 to RAMVIR (from LEUVIR).

Inserted: Hooded Crane (*Grus monacha*) (after Common Crane), NUMB=03615, CAT=2, SPEC=HOOCR, ORD=1, SPEC6=GRUMON, ORD6=1. No changes result in SPEC for CAT=3 Hooded Crow (HCRW) from this change.

Changed: CAT for Inca Tern (*Larosterna inca*) from 3 to 2.

Inserted: Northern Giant-Petrel (*Macronectes halli*) (before Northern Fulmar), NUMB=00275, CAT=2, SPEC=NOGP, ORD=1, SPEC6=MACHAL, ORD6=1.

Inserted: Cuban Kite (*Chondrohierax wilsonii*) (after Hook-billed Kite), NUMB=02043, CAT=3, SPEC=CUKI, ORD=1, SPEC6=CHOWIL, ORD6=1.

Changed: SPEC of Harris's Hawk (*Parabuteo unicinctus*) to HAHA (from HASH), ORD to 1 (from 4) due to change in code to Harlan's Hawk and priority of species codes over non-species codes.

Changed: *Ciccaba virgata* (Mottled Owl) to *Strix virgata*, SPEC6 to STRVIR (from CICVIR), and moved to follow Fulvous Owl (*S. fulvescens*).

Changed: *Ciccaba nigrolineata* (Black-and-white Owl) to *Strix nigrolineata*, SPEC6 to STRNIG (from CICNIG), and moved to follow new position of Mottled Owl (above).

Inserted: Small-billed Elaenia (*Elaenia parvirostris*) (after White-crested Elaenia), NUMB=10898, CAT=2, SPEC=SBEL, ORD=1, SPEC6=ELAPAR, ORD6=1.

Changed: *Pitangus lictor* (Lesser Kiskadee) to *Phylodydor lictor*, SPEC6 to PHYLIC (from PITLIC).

Changed: *Herpsilochmus rufimarginatus* (Rusty-winged Antwren) to *Herpsilochmus frater*, SPEC6 to HERFRA (from HERRUF).

Changed: *Myrmeciza zelodoni* (Zeledon's Antbird) to *Hafferia zeledoni*, SPEC6 to HAFZEL (from MYRZEL), and moved to follow Bare-crowned Antbird.

Changed: CAT for Blue-and-white Swallow (*Pygochelidon cyanoleuca*) from 3 to 2.

Re-arranged: 17 genera of wrens as indicated.

Inserted: Naumann's Thrush (*Turdus naumanni*) (after Dusky Thrush), NUMB=14863, CAT=2, SPEC=NATH, ORD=1, SPEC6=TURNAU, ORD6=1.

Changed: Stonechat (*Saxicola torquatus*) to Asian Stonechat (*Saxicola maurus*), SPEC to ASST (from STON), SPEC6 to SAXMAU (from SACTOR).

Changed: *Anthus lutescens* (Yellowish Pipit) to *Anthus chii*, SPEC6 to ANTCHI (from ANTLUT).

Inserted: Chihuahuan Meadowlark (*Sturnella liliana*) (before Eastern Meadowlark), NUMB=18797, CAT=1, SPEC=CHME, ORD=1, SPEC6=STULIL, ORD6=1.

Changed: Grayish Saltator (*Saltator coerulescens*) to Cinnamon-bellied Saltator (*Saltator grandis*), SPEC to CIBS (from GRAS), CAT=3, ORD to 3 (from 2), SPEC6 to SALGRA (from SALCOE). No change to SPECs for CAT=2 Green Sandpiper (GRSA) or Cat=2 Chestnut-bellied Sandgrouse (CBSA) result from this change.

### Other Changes

In 2022 we will begin to standardize the names and codes of non-species forms (subspecies, hybrids, unidentified birds) with those currently recognized by the USGS/Bird Banding Laboratory (BBL) and Bird Banding Office (BBO) of the Canadian Wildlife Service, Environment and Climate Change Canada. Most of the following insertions and changes are related to this effort.

Inserted: Tule White-fronted Goose, *Anser albifrons elgasi* (after White-fronted Goose), PNO=2, NUMB=01412, SPEC=TWFG, ORD=1, SPEC6=ANSALE, ORD6=1.

Changed: Brant Integrate to Black X Atlantic Brant Intergrade, SPEC to BABI (from BRIN).

Inserted: Mallard X Hawaiian Duck Hybrid *Anas platyrhynchos x wyvilliana* (after Hawaiian Duck) PNO=2, NUMB=01655, SPEC=MBDH, ORD=1, SPEC6=ANAPLR, ORD6=1.

Changed: American Black Duck X Mallard Hybrid (*Anas rubripes x platyrhynchos*) to Mallard X American Black Duck Hybrid (*Anas platyrhynchos x rubripes*), SPEC to MBDH (from ABMH), ORD to 1 (from 2), SPEC6 to ANAPLR (from ANARUP).

Inserted: Western/Clark's Grebe, *Aechmophorus occidentalis/clarkii* (after Western Grebe), PNO=2, NUMB=00185, SPEC=WCGR, ORD=1, SPEC6=AECOCL, ORD6=2. ORD6=2 due to conflict of SPEC6 with that of *Aechmophorus occidentalis* (Western Grebe). Latter does not change since species takes precedence over non-species forms.

Inserted: Puerto Rican Plain Pigeon, *Patagioenas inornata wetmorei* (after Plain Pigeon), PNO=2, NUMB=05432, SPEC=PRPP, ORD=1, SPEC6=PATINW, ORD6=1.

Inserted: Amazilia Hummingbird, *Amazilia amazilia* (after Mangrove Hummingbird), PNO=1, NUMB=08205, SPEC=AMHU, ORD=1, SPEC6=AMZAMA, ORD6=2, to amend a previous omission. ORD6=2 due to conflict of ORD6=1 code with that of *Amandava amandava* (Red Avadavat; see below)

Inserted: Hybrid Hummingbird, *Trochilidae* hybrid (after Violet-bellied Hummingbird), PNO=2, NUMB=08774, SPEC=HYHU, ORD=1, SPEC6=TROHYB, ORD6=1.

Changed: NUMB for Ridgway's Rail to 03345 to accommodate subspecies (see below).

Inserted: California Ridgway's Rail, *Rallus obsoletus obsoletus* (after Ridgway's Rail), PNO=2, NUMB=03346, SPEC=CRRA, ORD=1, SPEC6=RALOBO, ORD6=1.

Inserted: Light-footed Ridgway's Rail, *Rallus obsoletus levipes* (after California Ridgway's Rail), PNO=3, NUMB=03347, SPEC=LFRR, ORD=1, SPEC6=RALOBL, ORD6=1.

Inserted: Yuma Ridgway's Rail, *Rallus obsoletus yumanensis* (after Light-footed Ridgway's Rail), PNO=4, NUMB=03348, SPEC=YRRA, ORD=1, SPEC6=RALOBY, ORD6=1.

Inserted: Eastern Black Rail, *Laterallus jamaicensis jamaicensis* (after Black Rail), PNO=2, NUMB=03331, SPEC=EBRA, ORD=1, SPEC6=LATJAJ, ORD6=1.

Inserted: California Black Rail, *Laterallus jamaicensis coturniculus* (after Eastern Black Rail), PNO=3, NUMB=03333, SPEC=CBRA, ORD=1, SPEC6=LATJAC, ORD6=1.

Inserted: Mississippi Sandhill Crane, *Antigone canadensis pulla* (after Sandhill Crane), PNO=2, NUMB=03602, SPEC=MSCR, ORD=1, SPEC6=ANTCAP, ORD6=1.

Inserted: Western Snowy Plover, *Charadrius nivosus nivosus* (after Snowy Plover), PNO=2, NUMB=03722, SPEC=WSPL, ORD=1, SPEC6=CHANIN, ORD6=1.

Inserted: Rufa Red Knot, *Calidris canutus rufa* (after Red Knot), PNO=2, NUMB=04212, SPEC=RRKN, ORD=1, SPEC6=CALCAR, ORD6=1.

Inserted: Alaska Marbled Murrelet, *Brachyramphus marmoratus* (after Marbled Murrelet), PNO=2, NUMB=05222, SPEC=AMMU, ORD=1, SPEC6=BRAMAA, ORD6=1. Subspecies name designated "*Brachyramphus marmoratus a*".

Inserted: Interior Least Tern, *Sternula antillarum athalassos* (after Least Tern), PNO=2, NUMB=04982, SPEC=ILTE, ORD=2, SPEC6=STEANA, ORD6=1.

Inserted: California Least Tern, *Sternula antillarum browni* (after Interior Least Tern), PNO=3, NUMB=04984, SPEC=CLTE, ORD=2, SPEC6=STEANB, ORD6=1.

Inserted: Cayenne Tern, *Thalasseus sandwichensis eurygnathus* (after Sandwich Tern), PNO=2, NUMB=04922, SPEC=CAYT, ORD=2, SPEC6=THASAE, ORD6=1. ORD=2 due to conflict with full species Caspian Tern (CATE), which does not change.

Inserted: Puerto Rican Sharp-shinned Hawk, *Accipiter striatus venator* (after Sharp-shinned Hawk), PNO=2, NUMB=02202, SPEC=PSSH, ORD=1, SPEC6=ACCSTV, ORD6=1.

Inserted: Puerto Rican Broad-winged Hawk, *Buteo platypterus brunnescens* (after Broad-winged Hawk), PNO=2, NUMB=02042, SPEC=PBWH, ORD=1, SPEC6=BUTPLB, ORD6=1.

Changed: SPEC for Harlan's Hawk (*Buteo jamaicensis harlani*) to HRLH (from HALH), ORD to N (from 4) to coincide for non-species form SPEC of BBL/BBO. Note this code results in change of SPEC for Harris's Hawk as well (see above).

Inserted: California Spotted Owl, *Strix occidentalis occidentalis* (after Spotted Owl), PNO=2, NUMB=06942, SPEC=CSOW, ORD=1, SPEC6=STROCO, ORD6=1.

Inserted: Northern Spotted Owl, *Strix occidentalis caurina* (after California Spotted Owl), PNO=3, NUMB=06944, SPEC=NSOW, ORD=1, SPEC6=STROCA, ORD6=2. ORD6=2 due to conflict of SPEC6 with that of *Strix occidentalis* (Spotted Owl). Latter does not change since species takes precedence over non-species forms.

Inserted: Mexican Spotted Owl, *Strix occidentalis lucida* (after Northern Spotted Owl), PNO=4, NUMB=06946, SPEC=MSOW, ORD=1, SPEC6=STROCL, ORD6=1.

Changed: Red-naped X Red-breasted Sapsucker Hybrid (*Sphyrapicus nuchalis x ruber*) to Hybrid Sapsucker (*Sphyrapicus* hybrid), SPEC to HYSA (from RRSB), SPEC6 to SPHHYB (from SPHNUR) and moved to follow Red-breasted Sapsucker.

Changed: Northern Flicker Intergrade to Flicker Intergrade, SPEC to FLIN (from NFIN).

Inserted: Audubon's Crested Caracara, *Caracara plancus audubonii* (after Crested Caracara), PNO=2, NUMB=02592, SPEC=ACCA, ORD=1, SPEC6=CARPLU, ORD6=2. ORD6=2 due to conflict of SPEC6 with that of *Polyborus plancus* (Crested Caracara). Latter does not change since species takes precedence over non-species forms.

Changed Unidentified *Empidonax* Flycatcher to Unidentified *Empidonax*, SPEC to UNEM (from UEFL).

Inserted: San Clemente Loggerhead Shrike, *Lanius ludovicianus mearnsi* (after Loggerhead Shrike), PNO=2, NUMB=12522, SPEC=SCLS, ORD=1, SPEC6=LANLUM, ORD6=1.

Inserted: Streaked Horned Lark, *Eremophila alpestris strigata* (after Horned Lark), PNO=2, NUMB=133333, SPEC=SHLA, ORD=1, SPEC6=EREALS, ORD6=1.

Changed: Carolina X Black-capped Chickadee Hybrid (*Poecile carolinensis x atricapilla*) to Hybrid Chickadee (*Poecile* hybrid), SPEC to HYCH (from CBCC), SPEC6 to POEHYB (from POECAA) and moved to follow Gray-headed Chickadee.

Changed Unidentified *Poecile* Chickadee to Unidentified Chickadee, SPEC to UNCH (from UPCH).

Changed: Western X Mountain Bluebird Hybrid (*Sialia mexicana x currucoides*) to Hybrid Bluebird (*Sialia* hybrid), SPEC to HYBL (from WMBL), SPEC6 to SIAHYB (from SIAMEC) and moved to follow Mountain Bluebird.

Changed SPEC6 from Red Avadavat (*Amandava amandava*) to AMDAMA from (AMAAMA) to correct a prior omission. ORD6=2 due to conflict of ORD6=1 code with that of *Amazilia amazilia* (Amazilia Hummingbird; see above).

Changed: Common/Hoary Redpoll to Unidentified Redpoll, SPEC to UNRE (from CHRE).

Changed: White-crowned X Golden-crowned Sparrow Hybrid to *Zonotrichia* Sparrow hybrid, SPEC to ZSHY (from WGSP), SPEC6 to ZONHYB (from ZONLEA) and moved to follow White-throated Sparrow.

Changed: Sage Sparrow to Unidentified Sage Sparrow, SPEC to USSP (from SAGS).

Inserted: San Clemente Bell's Sparrow, *Artemisiospiza belli clementeae* (after Bell's Sparrow), PNO=2, NUMB=18113, SPEC=SCBS, ORD=1, SPEC6=ARTBEC, ORD6=1.

Changed: SPEC for Dusky Seaside Sparrow to DSSP (from DUSS). (1984)

Inserted: Inyo California Towhee, *Melospiza crissalis eremophilus* (after California Towhee), PNO=2, NUMB=17852, SPEC=ICTO, ORD=1, SPEC6=MELCRE, ORD6=1.

Changed: Rufous-sided Towhee to Unidentified Rufous-sided Towhee, SPEC to URST (from RSTO).

Inserted: Hybrid Towhee, *Pipilo* hybrid. (after Collared Towhee), PNO=2, NUMB=17805, SPEC=HYTO, ORD=1, SPEC6=PIPHYB, ORD6=1.

Inserted: Blue-winged x Golden-winged Warbler Hybrid, *Vermivora* hybrid. (after Lawrence's Warbler), PNO=4, NUMB=15636, SPEC=GBWH, ORD=1, SPEC6=VERHYB, ORD6=1. This code to be used for hybrids that do not resemble Brewster's or Lawrence's warblers.

Inserted: Hybrid Warbler, Parulidae hybrid. (after Collared Redstart), PNO=2, NUMB=16494, SPEC=HYWA, ORD=1, SPEC6=PARHYB, ORD6=1.

Changed: Lazuli X Indigo Bunting Hybrid (*Passerina amoena x cyanea*) to Indigo X Lazuli Bunting Hybrid (*Passerina cyanea x amoena*), SPEC to ILHB (from LIBH), ORD6 to 2 (from 1), SPEC6 to PASCYM (from PASAMC). ORD6=2 due to conflict of SPEC6 with that of *Passerina cyanea* (Indigo Bunting). Latter does not change since species takes precedence over non-species forms.

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