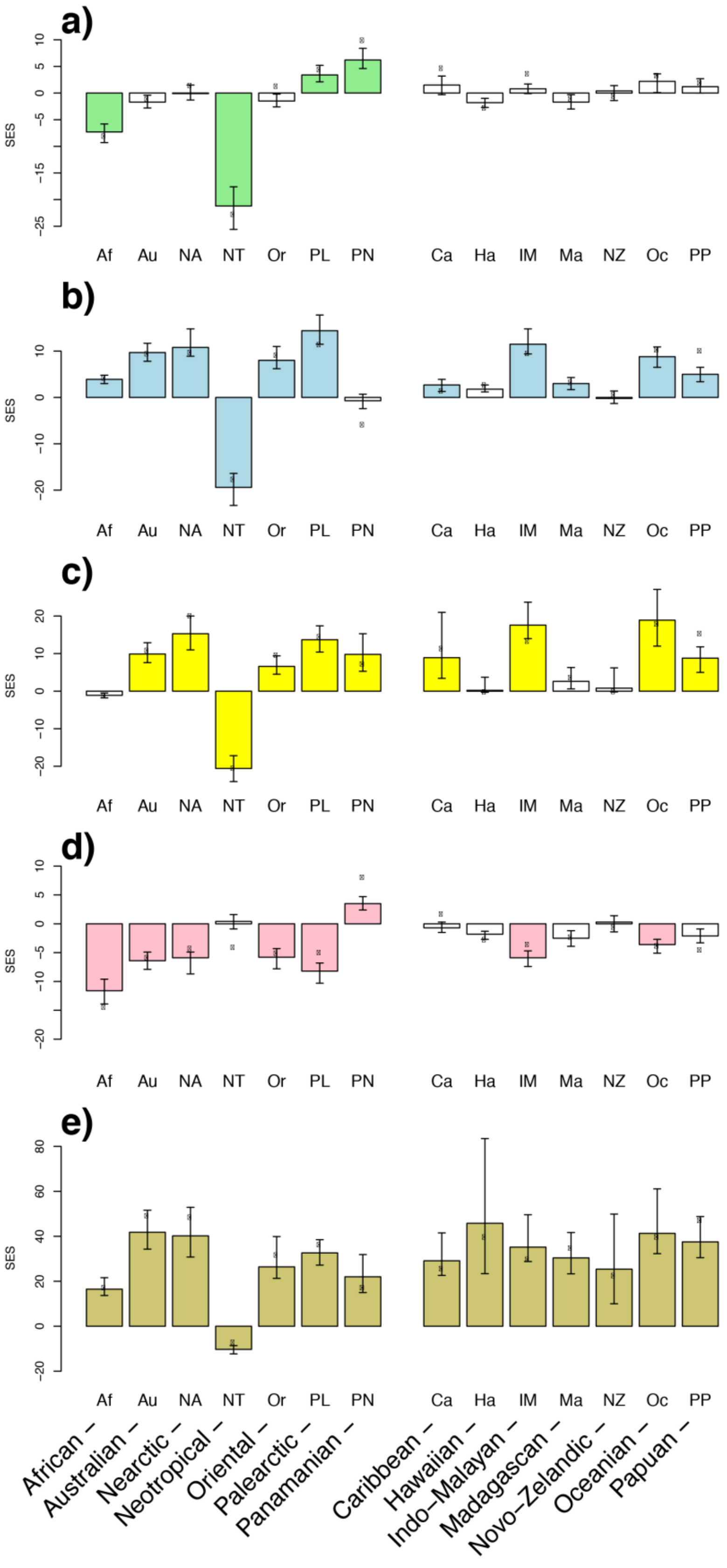
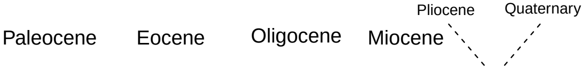
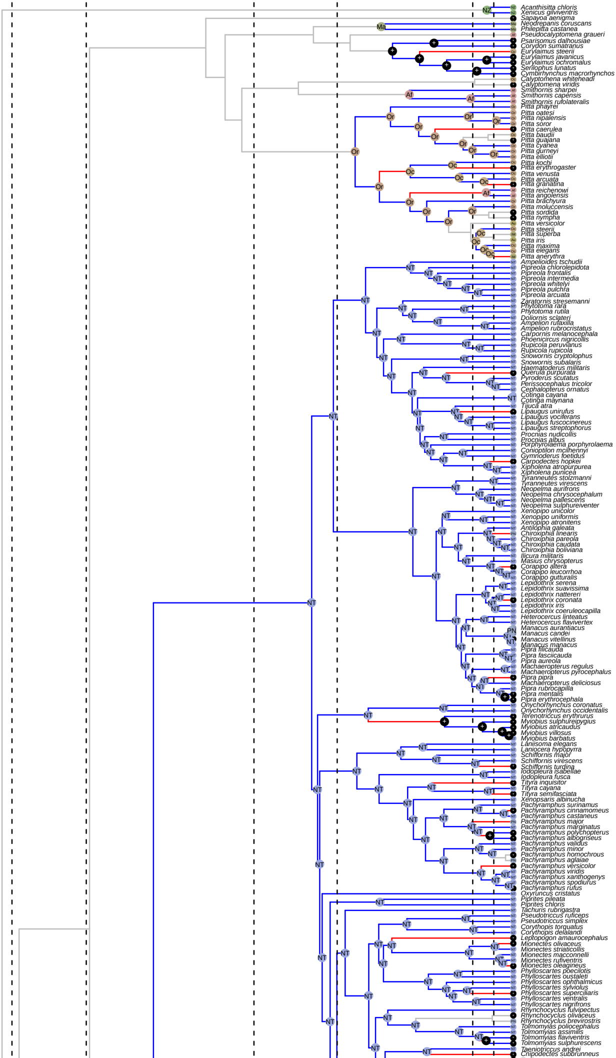
Supplementary Figure 1



Supplementary Figure 1 Regional dispersal and speciation relative to the expected based on 100 data-only trees

Bar plots indicate various dispersal metrics compared to the null expectations derived from randomisations constrained to account for existing diversity patterns (i.e. Standardised Effect Sizes). From the top: a) total dispersal (import and export combined), which is an indication of how dynamic the region is, b) net dispersal (export of species minus import of species), which is an indication of whether the region is overall a source or a sink, c) export, d) import and e) diversification within regions. This figure is based on 100 randomly selected data-only trees (4,032 species) from the pseudo-posterior distribution[12]. On each of these 100 trees we generated 100 null expectations). Bar heights reflect mean standardised effect sizes and error bars reflect 95% quantiles around the mean. Points represent results from the full analysis (i.e. using the phylogeny that included species with no data), which is shown in the main manuscript as in Fig. 5.


Paleocene
Eocene
Oligocene
Miocene
Pliocene
Quaternary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Neodrepanis coruscans
Philepitta castanea
Pseudocalyptomena graueri
Psarisomus dalhousiae
Corydon sumatranus
Eurylaimus steerii
Eurylaimus javanicus
Eurylaimus ochromalus
Serilophus lunatus
Cymbirhynchus macrorhynchos
Calyptomena whiteheadi
Calyptomena viridis
Smithornis sharpei
Smithornis capensis
Smithornis rufolateralis
Pitta phayrei
Pitta oatesi
Pitta nipalensis
Pitta soror
Pitta caerulea
Pitta baudii
Pitta guajana
Pitta cyanea
Pitta gurneyi
Pitta elliotii
Pitta kochi
Pitta erythrogaster
Pitta venusta
Pitta arcuata
Pitta granatina
Pitta reichenowi
Pitta angolensis
Pitta brachyura
Pitta moluccensis
Pitta sordida
Pitta nympha
Pitta versicolor
Pitta steerii
Pitta superba
Pitta iris
Pitta maxima
Pitta elegans
Pitta anerythra
Ampelioides tschudii
Pipreola chlorolepidota
Pipreola frontalis
Pipreola intermedia
Pipreola whitelyi
Pipreola pulchra
Pipreola arcuata
Zaratornis stresemanni
Phytotoma rara
Phytotoma rutila
Doliornis sclateri
Ampelion rufaxilla
Ampelion rubrocristatus
Carpornis melanocephala
Phoenicircus nigricollis
Rupicola peruvianus
Rupicola rupicola
Snowornis cryptolophus
Snowornis subalaris
Haematoderus militaris
Querula purpurata
Pyroderus scutatus
Perissocephalus tricolor
Cephalopterus ornatus
Cotinga cayana
Cotinga maynana
Tijuca atra
Lipaugus unirufus
Lipaugus vociferans
Lipaugus fuscocinereus
Lipaugus streptophorus
Procnias nudicollis
Procnias albus
Porphyrolaema porphyrolaema
Conioptilon mcilhennyi
Gymnoderus foetidus
Carpodectes hopkei
Xipholena atropurpurea
Xipholena punicea
Tyranneutes stolzmanni
Tyranneutes virescens
Neopelma aurifrons
Neopelma chrysocephalum
Neopelma pallescens
Neopelma sulphureiventer
Xenopipo unicolor
Xenopipo uniformis
Xenopipo atronitens
Antilophia galeata
Chiroxiphia linearis
Chiroxiphia pareola
Chiroxiphia caudata
Chiroxiphia boliviana
Ilicura militaris
Masius chrysopterus
Corapipo altera
Corapipo leucorrhoa
Corapipo gutturalis
Lepidothrix serena
Lepidothrix suavissima
Lepidothrix nattereri
Lepidothrix coronata
Lepidothrix iris
Lepidothrix coeruleocapilla
Heterocercus linteatus
Heterocercus flavivertex
Manacus aurantiacus
Manacus candei
Manacus vitellinus
Manacus manacus
Pipra filicauda
Pipra fasciicauda
Pipra aureola
Machaeropterus regulus
Machaeropterus pyrocephalus
Pipra pipra
Machaeropterus deliciosus
Pipra rubrocapilla
Pipra mentalis
Pipra erythrocephala
Onychorhynchus coronatus
Onychorhynchus occidentalis
Terenotriccus erythrurus
Myiobius sulphureipygius
Myiobius atricaudus
Myiobius villosus
Myiobius barbatus
Laniisoma elegans
Laniocera hypopyrra
Schiffornis major
Schiffornis virescens
Schiffornis turdina
Iodopleura isabellae
Iodopleura fusca
Tityra inquisitor
Tityra cayana
Tityra semifasciata
Xenopsaris albinucha
Pachyramphus surinamus
Pachyramphus cinnamomeus
Pachyramphus castaneus
Pachyramphus major
Pachyramphus marginatus
Pachyramphus polychopterus
Pachyramphus albogriseus
Pachyramphus validus
Pachyramphus minor
Pachyramphus homochrous
Pachyramphus aglaiae
Pachyramphus versicolor
Pachyramphus viridis
Pachyramphus xanthogenys
Pachyramphus spodiurus
Pachyramphus rufus
Oxyruncus cristatus
Piprites pileata
Piprites chloris
Tachuris rubrigastra
Pseudotriccus ruficeps
Pseudotriccus simplex
Corythopis torquatus
Corythopis delalandi
Leptopogon amaurocephalus
Mionectes olivaceus
Mionectes striaticollis
Mionectes macconnelli
Mionectes rufiventris
Mionectes oleagineus
Phylloscartes poecilotis
Phylloscartes oustaleti
Phylloscartes ophthalmicus
Phylloscartes sylviolus
Phylloscartes superciliaris
Phylloscartes ventralis
Phylloscartes nigrifrons
Rhynchocyclus fulvipectus
Rhynchocyclus olivaceus
Rhynchocyclus brevirostris
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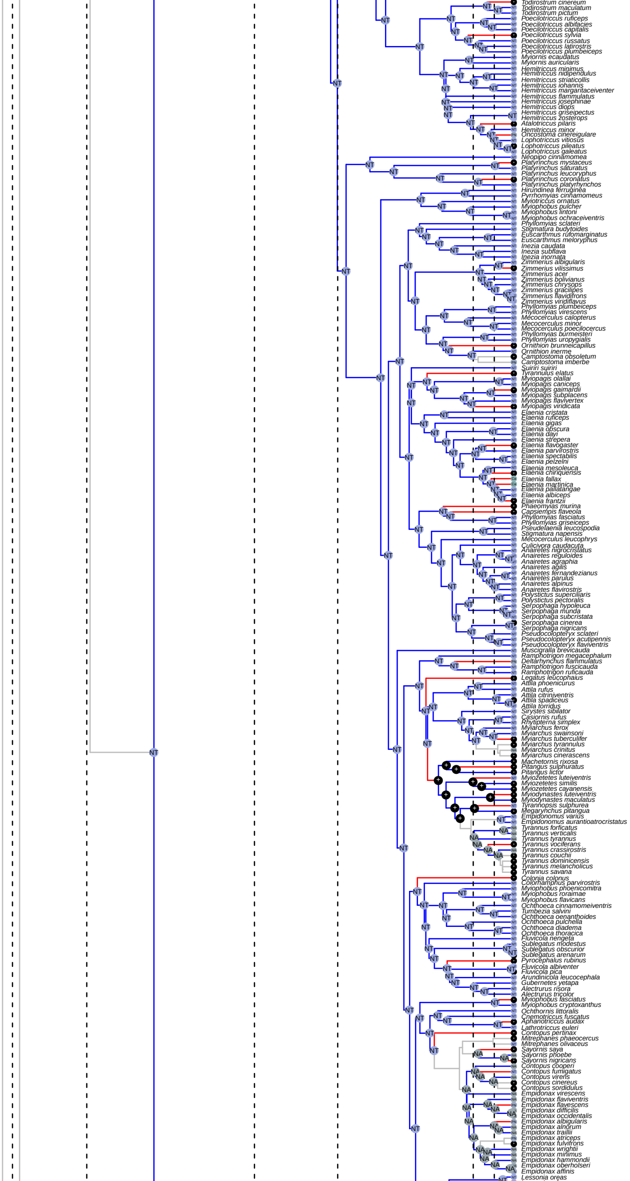
Tolmomyias flaviventris
Tolmomyias sulphurescens
Taeniotriccus andrei
Cnipodectes subbrunneus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Poecilotriccus russatus
Poecilotriccus latirostris
Poecilotriccus plumbeiceps
Myiornis ecaudatus
Myiornis auricularis
Hemitriccus minimus
Hemitriccus nidipendulus
Hemitriccus striaticollis
Hemitriccus iohannis
Hemitriccus margaritaceiventer
Hemitriccus flammulatus
Hemitriccus josephinae
Hemitriccus diops
Hemitriccus griseipectus
Hemitriccus zosterops
Atalotriccus pilaris
Hemitriccus minor
Oncostoma cinereigulare
Lophotriccus vitiosus
Lophotriccus pileatus
Lophotriccus galeatus
Neopipo cinnamomea
Platyrinchus mystaceus
Platyrinchus saturatus
Platyrinchus leucoryphus
Platyrinchus coronatus
Platyrinchus platyrhynchos
Hirundinea ferruginea
Pyrrhomyias cinnamomeus
Myiotriccus ornatus
Myiophobus pulcher
Myiophobus lintoni
Myiophobus ochraceiventris
Phyllomyias sclateri
Stigmatura budytoides
Euscarthmus rufomarginatus
Euscarthmus meloryphus
Inezia caudata
Inezia subflava
Inezia inornata
Zimmerius albigularis
Zimmerius vilissimus
Zimmerius acer
Zimmerius bolivianus
Zimmerius chrysops
Zimmerius gracilipes
Zimmerius flavidifrons
Zimmerius viridiflavus
Phyllomyias plumbeiceps
Phyllomyias virescens
Mecocerculus calopterus
Mecocerculus minor
Mecocerculus poecilocercus
Phyllomyias burmeisteri
Phyllomyias uropygialis
Ornithion brunneicapillus
Ornithion inerme
Camptostoma obsoletum
Camptostoma imberbe
Suiriri suiriri
Tyrannulus elatus
Myiopagis olallai
Myiopagis caniceps
Myiopagis gaimardii
Myiopagis subplacens
Myiopagis flavivertex
Myiopagis viridicata
Elaenia cristata
Elaenia ruficeps
Elaenia gigas
Elaenia obscura
Elaenia dayi
Elaenia strepera
Elaenia flavogaster
Elaenia parvirostris
Elaenia spectabilis
Elaenia pelzelni
Elaenia mesoleuca
Elaenia chiriquensis
Elaenia fallax
Elaenia martinica
Elaenia pallatangae
Elaenia albiceps
Elaenia frantzii
Phaeomyias murina
Capsiempis flaveola
Phyllomyias fasciatus
Phyllomyias griseiceps
Pseudelaenia leucospodia
Stigmatura napensis
Mecocerculus leucophrys
Culicivora caudacuta
Anairetes nigrocristatus
Anairetes reguloides
Anairetes agraphia
Anairetes agilis
Anairetes fernandezianus
Anairetes parulus
Anairetes alpinus
Anairetes flavirostris
Polystictus superciliaris
Polystictus pectoralis
Serpophaga hypoleuca
Serpophaga munda
Serpophaga subcristata
Serpophaga cinerea
Serpophaga nigricans
Pseudocolopteryx sclateri
Pseudocolopteryx acutipennis
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Muscigralla brevicauda
Ramphotrigon megacephalum
Deltarhynchus flammulatus
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Casiornis rufus
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Tyrannus couchii
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Tyrannus savana
Colonia colonus
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Aphanotriccus audax
Lathrotriccus euleri
Contopus pertinax
Mitrephanes phaeocercus
Mitrephanes olivaceus
Sayornis saya
Sayornis phoebe
Sayornis nigricans
Contopus cooperi
Contopus fumigatus
Contopus virens
Contopus cinereus
Contopus sordidulus
Empidonax virescens
Empidonax flaviventris
Empidonax flavescens
Empidonax difficilis
Empidonax occidentalis
Empidonax albigularis
Empidonax alnorum
Empidonax traillii
Empidonax atriceps
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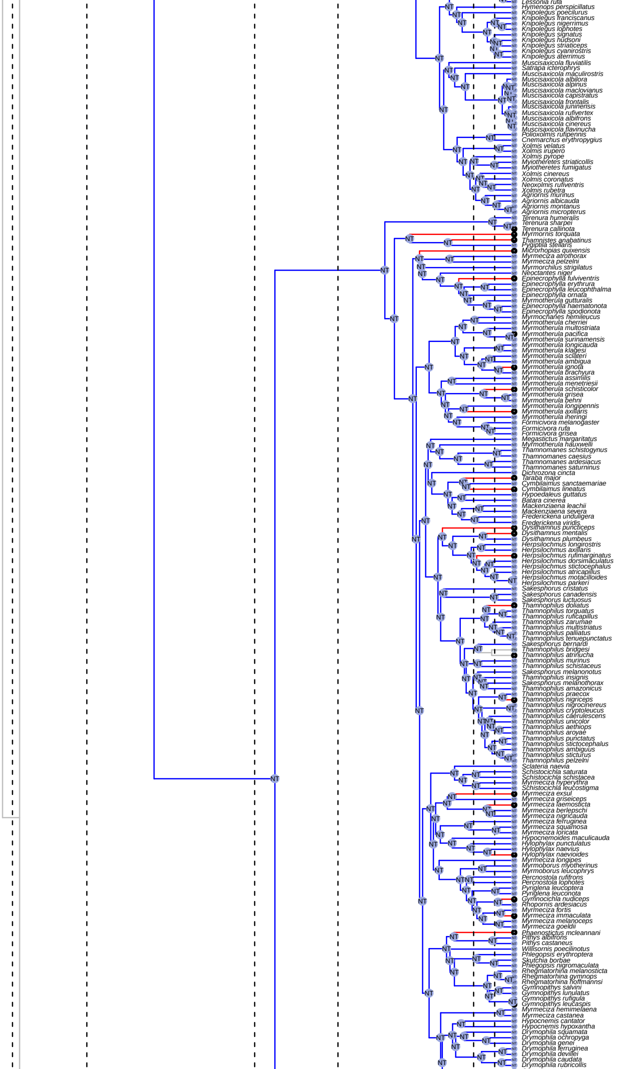
Empidonax affinis
Lessonia oreas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Knipolegus aterrimus
Muscisaxicola fluviatilis
Satrapa icterophrys
Muscisaxicola maculirostris
Muscisaxicola albilora
Muscisaxicola alpinus
Muscisaxicola maclovianus
Muscisaxicola capistratus
Muscisaxicola frontalis
Muscisaxicola juninensis
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Muscisaxicola albifrons
Muscisaxicola cinereus
Muscisaxicola flavinucha
Polioxolmis rufipennis
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Xolmis velatus
Xolmis irupero
Xolmis pyrope
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Myiotheretes fumigatus
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Xolmis coronatus
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Xolmis rubetra
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Agriornis micropterus
Terenura humeralis
Terenura sharpei
Terenura callinota
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Thamnistes anabatinus
Pygiptila stellaris
Microrhopias quixensis
Myrmeciza atrothorax
Myrmeciza pelzelni
Myrmorchilus strigilatus
Neoctantes niger
Epinecrophylla fulviventris
Epinecrophylla erythrura
Epinecrophylla leucophthalma
Epinecrophylla ornata
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Epinecrophylla haematonota
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Myrmotherula cherriei
Myrmotherula multostriata
Myrmotherula pacifica
Myrmotherula surinamensis
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Myrmotherula ambigua
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Cymbilaimus lineatus
Hypoedaleus guttatus
Batara cinerea
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Mackenziaena severa
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Frederickena viridis
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Dysithamnus mentalis
Dysithamnus plumbeus
Herpsilochmus longirostris
Herpsilochmus axillaris
Herpsilochmus rufimarginatus
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Thamnophilus punctatus
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Myrmeciza laemosticta
Myrmeciza berlepschi
Myrmeciza nigricauda
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Hypocnemoides maculicauda
Hylophylax punctulatus
Hylophylax naevius
Hylophylax naevioides
Myrmeciza longipes
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Myrmoborus leucophrys
Percnostola rufifrons
Percnostola lophotes
Pyriglena leucoptera
Pyriglena leuconota
Gymnocichla nudiceps
Rhopornis ardesiacus
Myrmeciza fortis
Myrmeciza immaculata
Myrmeciza melanoceps
Myrmeciza goeldii
Phaenostictus mcleannani
Pithys albifrons
Pithys castaneus
Willisornis poecilinotus
Phlegopsis erythroptera
Skutchia borbae
Phlegopsis nigromaculata
Rhegmatorhina melanosticta
Rhegmatorhina gymnops
Rhegmatorhina hoffmannsi
Gymnopithys salvini
Gymnopithys lunulatus
Gymnopithys rufigula
Gymnopithys leucaspis
Myrmeciza hemimelaena
Myrmeciza castanea
Hypocnemis cantator
Hypocnemis hypoxantha
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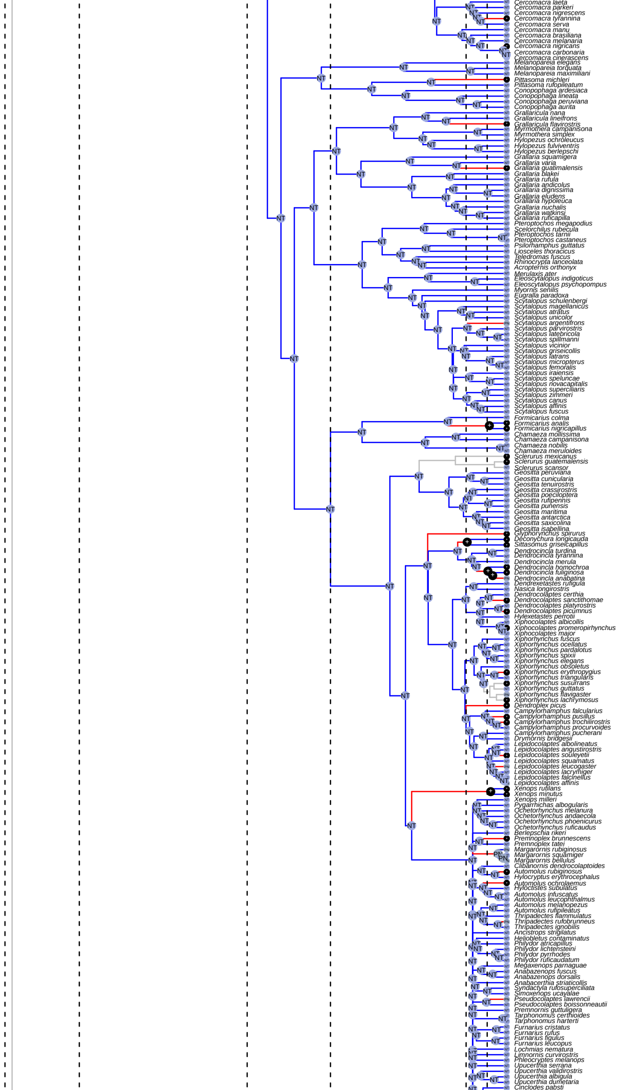
Drymophila rubricollis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Cercomacra melanaria
Cercomacra nigricans
Cercomacra carbonaria
Cercomacra cinerascens
Melanopareia elegans
Melanopareia torquata
Melanopareia maximiliani
Pittasoma michleri
Pittasoma rufopileatum
Conopophaga ardesiaca
Conopophaga lineata
Conopophaga peruviana
Conopophaga aurita
Grallaricula nana
Grallaricula lineifrons
Grallaricula flavirostris
Myrmothera campanisona
Myrmothera simplex
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Hylopezus fulviventris
Hylopezus berlepschi
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Grallaria varia
Grallaria guatimalensis
Grallaria blakei
Grallaria rufula
Grallaria andicolus
Grallaria dignissima
Grallaria eludens
Grallaria hypoleuca
Grallaria nuchalis
Grallaria watkinsi
Grallaria ruficapilla
Pteroptochos megapodius
Scelorchilus rubecula
Pteroptochos tarnii
Pteroptochos castaneus
Psilorhamphus guttatus
Liosceles thoracicus
Teledromas fuscus
Rhinocrypta lanceolata
Acropternis orthonyx
Merulaxis ater
Eleoscytalopus indigoticus
Eleoscytalopus psychopompus
Myornis senilis
Eugralla paradoxa
Scytalopus schulenbergi
Scytalopus magellanicus
Scytalopus atratus
Scytalopus unicolor
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Scytalopus parvirostris
Scytalopus latebricola
Scytalopus spillmanni
Scytalopus vicinior
Scytalopus griseicollis
Scytalopus latrans
Scytalopus micropterus
Scytalopus femoralis
Scytalopus iraiensis
Scytalopus speluncae
Scytalopus novacapitalis
Scytalopus superciliaris
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Scytalopus canus
Scytalopus affinis
Scytalopus fuscus
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Formicarius nigricapillus
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Sclerurus scansor
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Geositta tenuirostris
Geositta crassirostris
Geositta poeciloptera
Geositta rufipennis
Geositta punensis
Geositta maritima
Geositta antarctica
Geositta saxicolina
Geositta isabellina
Glyphorynchus spirurus
Deconychura longicauda
Sittasomus griseicapillus
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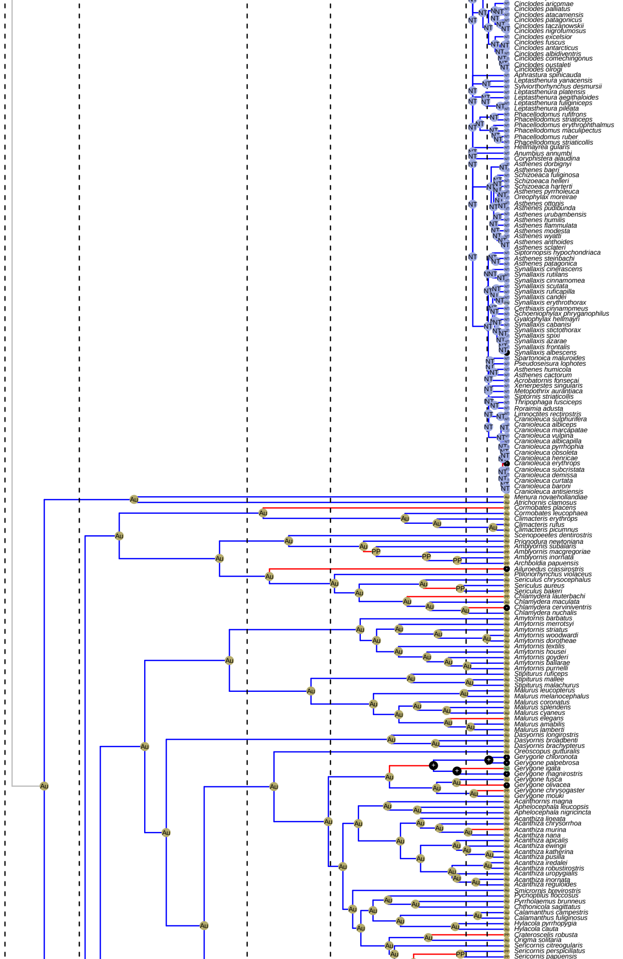
Xiphorhynchus erythropygius
Xiphorhynchus triangularis
Xiphorhynchus susurrans
Xiphorhynchus guttatus
Xiphorhynchus flavigaster
Xiphorhynchus lachrymosus
Dendroplex picus
Campylorhamphus falcularius
Campylorhamphus pusillus
Campylorhamphus trochilirostris
Campylorhamphus procurvoides
Campylorhamphus pucherani
Drymornis bridgesii
Lepidocolaptes albolineatus
Lepidocolaptes angustirostris
Lepidocolaptes souleyetii
Lepidocolaptes squamatus
Lepidocolaptes leucogaster
Lepidocolaptes lacrymiger
Lepidocolaptes falcinellus
Lepidocolaptes affinis
Xenops rutilans
Xenops minutus
Xenops milleri
Pygarrhichas albogularis
Ochetorhynchus melanura
Ochetorhynchus andaecola
Ochetorhynchus phoenicurus
Ochetorhynchus ruficaudus
Berlepschia rikeri
Premnoplex brunnescens
Premnoplex tatei
Margarornis rubiginosus
Margarornis squamiger
Margarornis bellulus
Clibanornis dendrocolaptoides
Automolus rubiginosus
Hylocryptus erythrocephalus
Automolus ochrolaemus
Hyloctistes subulatus
Automolus infuscatus
Automolus leucophthalmus
Automolus melanopezus
Automolus rufipileatus
Thripadectes flammulatus
Thripadectes rufobrunneus
Thripadectes ignobilis
Ancistrops strigilatus
Heliobletus contaminatus
Philydor atricapillus
Philydor lichtensteini
Philydor pyrrhodes
Philydor ruficaudatum
Megaxenops parnaguae
Anabazenops fuscus
Anabazenops dorsalis
Anabacerthia striaticollis
Syndactyla rufosuperciliata
Simoxenops ucayalae
Pseudocolaptes lawrencii
Pseudocolaptes boissonneautii
Premnornis guttuligera
Tarphonomus certhioides
Tarphonomus harterti
Furnarius cristatus
Furnarius rufus
Furnarius figulus
Furnarius leucopus
Lochmias nematura
Limnornis curvirostris
Phleocryptes melanops
Upucerthia serrana
Upucerthia validirostris
Upucerthia albigula
Upucerthia dumetaria
Cinclodes pabsti
NT
PN
+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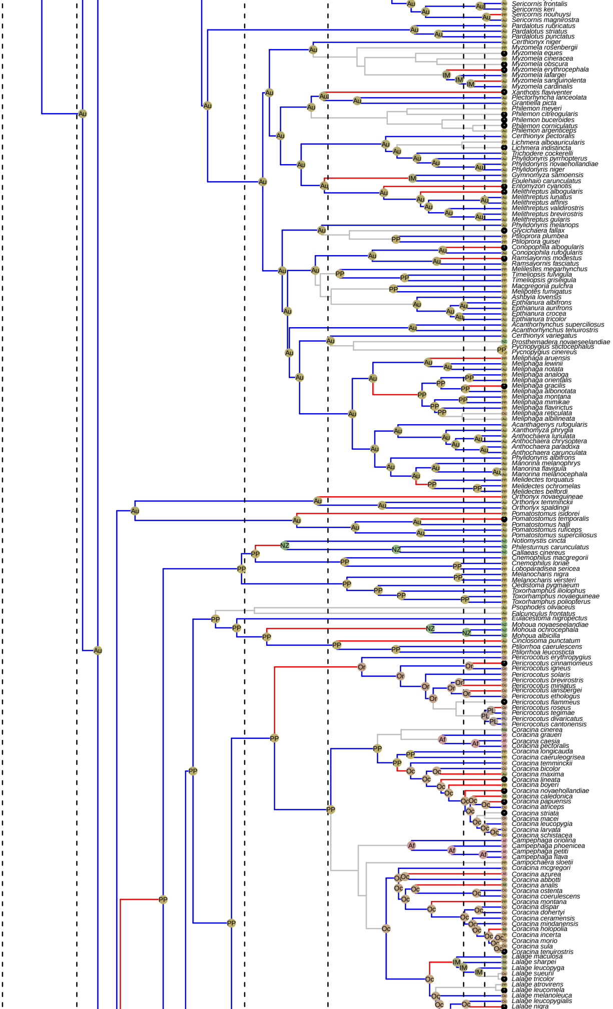
Cinclodes atacamensis
Cinclodes patagonicus
Cinclodes taczanowskii
Cinclodes nigrofumosus
Cinclodes excelsior
Cinclodes fuscus
Cinclodes antarcticus
Cinclodes albidiventris
Cinclodes comechingonus
Cinclodes oustaleti
Cinclodes olrogi
Aphrastura spinicauda
Leptasthenura yanacensis
Sylviorthorhynchus desmursii
Leptasthenura platensis
Leptasthenura aegithaloides
Leptasthenura fuliginiceps
Leptasthenura pileata
Phacellodomus rufifrons
Phacellodomus striaticeps
Phacellodomus erythrophthalmus
Phacellodomus maculipectus
Phacellodomus ruber
Phacellodomus striaticollis
Hellmayrea gularis
Anumbius annumbi
Coryphistera alaudina
Asthenes dorbignyi
Asthenes baeri
Schizoeaca fuliginosa
Schizoeaca helleri
Schizoeaca harterti
Asthenes pyrrholeuca
Oreophylax moreirae
Asthenes ottonis
Asthenes pudibunda
Asthenes urubambensis
Asthenes humilis
Asthenes flammulata
Asthenes modesta
Asthenes wyatti
Asthenes anthoides
Asthenes sclateri
Siptornopsis hypochondriaca
Asthenes steinbachi
Asthenes patagonica
Synallaxis cinerascens
Synallaxis rutilans
Synallaxis cinnamomea
Synallaxis scutata
Synallaxis ruficapilla
Synallaxis candei
Synallaxis erythrothorax
Certhiaxis cinnamomeus
Schoeniophylax phryganophilus
Gyalophylax hellmayri
Synallaxis cabanisi
Synallaxis stictothorax
Synallaxis spixi
Synallaxis azarae
Synallaxis frontalis
Synallaxis albescens
Spartonoica maluroides
Pseudoseisura lophotes
Asthenes humicola
Asthenes cactorum
Acrobatornis fonsecai
Xenerpestes singularis
Metopothrix aurantiaca
Siptornis striaticollis
Thripophaga fusciceps
Roraimia adusta
Limnoctites rectirostris
Cranioleuca sulphurifera
Cranioleuca albiceps
Cranioleuca marcapatae
Cranioleuca vulpina
Cranioleuca albicapilla
Cranioleuca pyrrhophia
Cranioleuca obsoleta
Cranioleuca henricae
Cranioleuca erythrops
Cranioleuca subcristata
Cranioleuca demissa
Cranioleuca curtata
Cranioleuca baroni
Cranioleuca antisiensis
Menura novaehollandiae
Atrichornis clamosus
Cormobates placens
Cormobates leucophaea
Climacteris erythrops
Climacteris rufus
Climacteris picumnus
Scenopoeetes dentirostris
Prionodura newtoniana
Amblyornis subalaris
Amblyornis macgregoriae
Amblyornis inornata
Archboldia papuensis
Ailuroedus crassirostris
Ptilonorhynchus violaceus
Sericulus chrysocephalus
Sericulus aureus
Sericulus bakeri
Chlamydera lauterbachi
Chlamydera maculata
Chlamydera cerviniventris
Chlamydera nuchalis
Amytornis barbatus
Amytornis merrotsyi
Amytornis striatus
Amytornis woodwardi
Amytornis dorotheae
Amytornis textilis
Amytornis housei
Amytornis goyderi
Amytornis ballarae
Amytornis purnelli
Stipiturus ruficeps
Stipiturus mallee
Stipiturus malachurus
Malurus leucopterus
Malurus melanocephalus
Malurus coronatus
Malurus splendens
Malurus cyaneus
Malurus elegans
Malurus amabilis
Malurus lamberti
Dasyornis longirostris
Dasyornis broadbenti
Dasyornis brachypterus
Oreoscopus gutturalis
Gerygone chloronota
Gerygone palpebrosa
Gerygone igata
Gerygone magnirostris
Gerygone fusca
Gerygone olivacea
Gerygone chrysogaster
Gerygone mouki
Acanthornis magna
Aphelocephala leucopsis
Aphelocephala nigricincta
Acanthiza lineata
Acanthiza chrysorrhoa
Acanthiza murina
Acanthiza nana
Acanthiza apicalis
Acanthiza ewingii
Acanthiza katherina
Acanthiza pusilla
Acanthiza iredalei
Acanthiza robustirostris
Acanthiza uropygialis
Acanthiza inornata
Acanthiza reguloides
Smicrornis brevirostris
Pycnoptilus floccosus
Pyrrholaemus brunneus
Chthonicola sagittatus
Calamanthus campestris
Calamanthus fuliginosus
Hylacola pyrrhopygia
Hylacola cauta
Crateroscelis robusta
Origma solitaria
Sericornis citreogularis
Sericornis perspicillatus
Sericornis papuensis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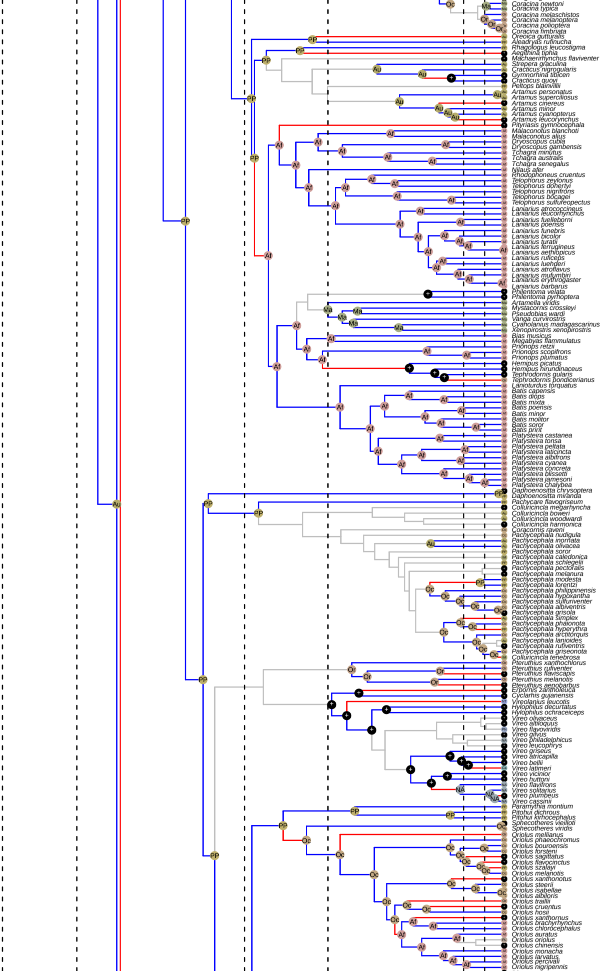
Sericornis keri
Sericornis nouhuysi
Sericornis magnirostra
Pardalotus rubricatus
Pardalotus striatus
Pardalotus punctatus
Certhionyx niger
Myzomela rosenbergii
Myzomela eques
Myzomela cineracea
Myzomela obscura
Myzomela erythrocephala
Myzomela lafargei
Myzomela sanguinolenta
Myzomela cardinalis
Xanthotis flaviventer
Plectorhyncha lanceolata
Grantiella picta
Philemon meyeri
Philemon citreogularis
Philemon buceroides
Philemon corniculatus
Philemon argenticeps
Certhionyx pectoralis
Lichmera alboauricularis
Lichmera indistincta
Trichodere cockerelli
Phylidonyris pyrrhopterus
Phylidonyris novaehollandiae
Phylidonyris niger
Gymnomyza samoensis
Foulehaio carunculatus
Entomyzon cyanotis
Melithreptus albogularis
Melithreptus lunatus
Melithreptus affinis
Melithreptus validirostris
Melithreptus brevirostris
Melithreptus gularis
Phylidonyris melanops
Glycichaera fallax
Ptiloprora plumbea
Ptiloprora guisei
Conopophila albogularis
Conopophila rufogularis
Ramsayornis modestus
Ramsayornis fasciatus
Melilestes megarhynchus
Timeliopsis fulvigula
Timeliopsis griseigula
Macgregoria pulchra
Melipotes fumigatus
Ashbyia lovensis
Epthianura albifrons
Epthianura aurifrons
Epthianura crocea
Epthianura tricolor
Acanthorhynchus superciliosus
Acanthorhynchus tenuirostris
Certhionyx variegatus
Prosthemadera novaeseelandiae
Pycnopygius stictocephalus
Pycnopygius cinereus
Meliphaga aruensis
Meliphaga lewinii
Meliphaga notata
Meliphaga analoga
Meliphaga orientalis
Meliphaga gracilis
Meliphaga albonotata
Meliphaga montana
Meliphaga mimikae
Meliphaga flavirictus
Meliphaga reticulata
Meliphaga albilineata
Acanthagenys rufogularis
Xanthomyza phrygia
Anthochaera lunulata
Anthochaera chrysoptera
Anthochaera paradoxa
Anthochaera carunculata
Phylidonyris albifrons
Manorina melanophrys
Manorina flavigula
Manorina melanocephala
Melidectes torquatus
Melidectes ochromelas
Melidectes belfordi
Orthonyx novaeguineae
Orthonyx temminckii
Orthonyx spaldingii
Pomatostomus isidorei
Pomatostomus temporalis
Pomatostomus halli
Pomatostomus ruficeps
Pomatostomus superciliosus
Notiomystis cincta
Philesturnus carunculatus
Callaeas cinereus
Cnemophilus macgregorii
Cnemophilus loriae
Loboparadisea sericea
Melanocharis nigra
Melanocharis versteri
Oedistoma pygmaeum
Toxorhamphus iliolophus
Toxorhamphus novaeguineae
Toxorhamphus poliopterus
Psophodes olivaceus
Falcunculus frontatus
Eulacestoma nigropectus
Mohoua novaeseelandiae
Mohoua ochrocephala
Mohoua albicilla
Cinclosoma punctatum
Ptilorrhoa caerulescens
Ptilorrhoa leucosticta
Pericrocotus erythropygius
Pericrocotus cinnamomeus
Pericrocotus igneus
Pericrocotus solaris
Pericrocotus brevirostris
Pericrocotus miniatus
Pericrocotus lansbergei
Pericrocotus ethologus
Pericrocotus flammeus
Pericrocotus roseus
Pericrocotus tegimae
Pericrocotus divaricatus
Pericrocotus cantonensis
Coracina cinerea
Coracina graueri
Coracina caesia
Coracina pectoralis
Coracina longicauda
Coracina caeruleogrisea
Coracina temminckii
Coracina bicolor
Coracina maxima
Coracina lineata
Coracina boyeri
Coracina novaehollandiae
Coracina caledonica
Coracina papuensis
Coracina atriceps
Coracina striata
Coracina macei
Coracina leucopygia
Coracina larvata
Coracina schistacea
Campephaga oriolina
Campephaga phoenicea
Campephaga petiti
Campephaga flava
Campochaera sloetii
Coracina mcgregori
Coracina azurea
Coracina abbotti
Coracina analis
Coracina ostenta
Coracina coerulescens
Coracina montana
Coracina dispar
Coracina dohertyi
Coracina ceramensis
Coracina mindanensis
Coracina holopolia
Coracina incerta
Coracina morio
Coracina sula
Coracina tenuirostris
Lalage maculosa
Lalage sharpei
Lalage leucopyga
Lalage sueurii
Lalage tricolor
Lalage atrovirens
Lalage leucomela
Lalage melanoleuca
Lalage leucopygialis
Lalage nigra


Coracina newtoni
Coracina typica
Coracina melaschistos
Coracina melanoptera
Coracina polioptera
Coracina fimbriata
Oreoica gutturalis
Aleadryas rufinucha
Rhagologus leucostigma
Aegithina tiphia
Machaerirhynchus flaviventer
Strepera graculina
Cracticus nigrogularis
Gymnorhina tibicen
Cracticus quoyi
Peltops blainvillii
Artamus personatus
Artamus superciliosus
Artamus cinereus
Artamus minor
Artamus cyanopterus
Artamus leucorynchus
Pityriasis gymnocephala
Malaconotus blanchoti
Malaconotus alius
Dryoscopus cubla
Dryoscopus gambensis
Tchagra minutus
Tchagra australis
Tchagra senegalus
Nilaus afer
Rhodophoneus cruentus
Telophorus zeylonus
Telophorus dohertyi
Telophorus nigrifrons
Telophorus bocagei
Telophorus sulfureopectus
Laniarius atrococcineus
Laniarius leucorhynchus
Laniarius fuelleborni
Laniarius poensis
Laniarius funebris
Laniarius bicolor
Laniarius turatii
Laniarius ferrugineus
Laniarius aethiopicus
Laniarius ruficeps
Laniarius luehderi
Laniarius atroflavus
Laniarius mufumbiri
Laniarius erythrogaster
Laniarius barbarus
Philentoma velata
Philentoma pyrhoptera
Artamella viridis
Mystacornis crossleyi
Pseudobias wardi
Vanga curvirostris
Cyanolanius madagascarinus
Xenopirostris xenopirostris
Bias musicus
Megabyas flammulatus
Prionops retzii
Prionops scopifrons
Prionops plumatus
Hemipus picatus
Hemipus hirundinaceus
Tephrodornis gularis
Tephrodornis pondicerianus
Lanioturdus torquatus
Batis capensis
Batis diops
Batis mixta
Batis poensis
Batis minor
Batis molitor
Batis soror
Batis pririt
Platysteira castanea
Platysteira tonsa
Platysteira peltata
Platysteira laticincta
Platysteira albifrons
Platysteira cyanea
Platysteira concreta
Platysteira blissetti
Platysteira jamesoni
Platysteira chalybea
Daphoenositta chrysoptera
Daphoenositta miranda
Pachycare flavogriseum
Colluricincla megarhyncha
Colluricincla boweri
Colluricincla woodwardi
Colluricincla harmonica
Coracornis raveni
Pachycephala nudigula
Pachycephala inornata
Pachycephala olivacea
Pachycephala soror
Pachycephala caledonica
Pachycephala schlegelii
Pachycephala pectoralis
Pachycephala melanura
Pachycephala modesta
Pachycephala lorentzi
Pachycephala philippinensis
Pachycephala hypoxantha
Pachycephala sulfuriventer
Pachycephala albiventris
Pachycephala grisola
Pachycephala simplex
Pachycephala phaionota
Pachycephala hyperythra
Pachycephala arctitorquis
Pachycephala lanioides
Pachycephala rufiventris
Pachycephala griseonota
Colluricincla tenebrosa
Pteruthius xanthochlorus
Pteruthius rufiventer
Pteruthius flaviscapis
Pteruthius melanotis
Pteruthius aenobarbus
Erpornis zantholeuca
Cyclarhis gujanensis
Vireolanius leucotis
Hylophilus decurtatus
Hylophilus ochraceiceps
Vireo olivaceus
Vireo altiloquus
Vireo flavoviridis
Vireo gilvus
Vireo philadelphicus
Vireo leucophrys
Vireo griseus
Vireo atricapilla
Vireo bellii
Vireo latimeri
Vireo vicinior
Vireo huttoni
Vireo flavifrons
Vireo solitarius
Vireo plumbeus
Vireo cassinii
Paramythia montium
Pitohui dichrous
Pitohui kirhocephalus
Sphecotheres vieilloti
Sphecotheres viridis
Oriolus mellianus
Oriolus phaeochromus
Oriolus bouroensis
Oriolus forsteni
Oriolus sagittatus
Oriolus flavocinctus
Oriolus szalayi
Oriolus melanotis
Oriolus xanthonotus
Oriolus steerii
Oriolus isabellae
Oriolus albiloris
Oriolus traillii
Oriolus cruentus
Oriolus hosii
Oriolus xanthornus
Oriolus brachyrhynchus
Oriolus chlorocephalus
Oriolus auratus
Oriolus oriolus
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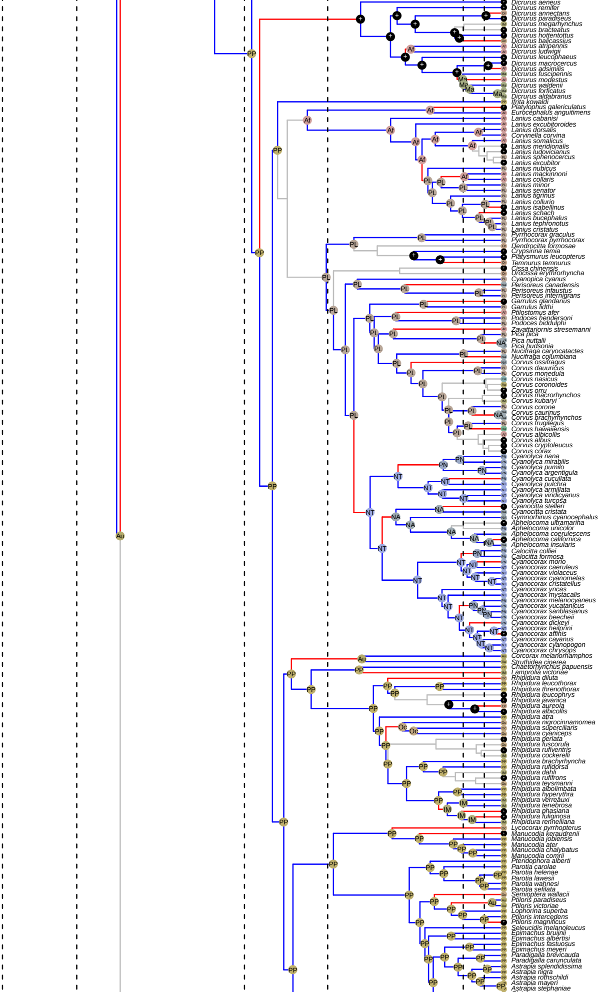
Oriolus monacha
Oriolus larvatus
Oriolus percivali
Oriolus nigripennis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Dicrurus remifer
Dicrurus annectans
Dicrurus paradiseus
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Dicrurus balicassius
Dicrurus atripennis
Dicrurus ludwigii
Dicrurus leucophaeus
Dicrurus macrocercus
Dicrurus adsimilis
Dicrurus fuscipennis
Dicrurus modestus
Dicrurus waldenii
Dicrurus forficatus
Dicrurus aldabranus
Ifrita kowaldi
Platylophus galericulatus
Eurocephalus anguitimens
Lanius cabanisi
Lanius excubitoroides
Lanius dorsalis
Corvinella corvina
Lanius somalicus
Lanius meridionalis
Lanius ludovicianus
Lanius sphenocercus
Lanius excubitor
Lanius nubicus
Lanius mackinnoni
Lanius collaris
Lanius minor
Lanius senator
Lanius tigrinus
Lanius collurio
Lanius isabellinus
Lanius schach
Lanius bucephalus
Lanius tephronotus
Lanius cristatus
Pyrrhocorax graculus
Pyrrhocorax pyrrhocorax
Dendrocitta formosae
Crypsirina temia
Platysmurus leucopterus
Temnurus temnurus
Cissa chinensis
Urocissa erythrorhyncha
Cyanopica cyanus
Perisoreus canadensis
Perisoreus infaustus
Perisoreus internigrans
Garrulus glandarius
Garrulus lidthi
Ptilostomus afer
Podoces hendersoni
Podoces biddulphi
Zavattariornis stresemanni
Pica pica
Pica nuttalli
Pica hudsonia
Nucifraga caryocatactes
Nucifraga columbiana
Corvus ossifragus
Corvus dauuricus
Corvus monedula
Corvus nasicus
Corvus coronoides
Corvus orru
Corvus macrorhynchos
Corvus kubaryi
Corvus corone
Corvus caurinus
Corvus brachyrhynchos
Corvus frugilegus
Corvus hawaiiensis
Corvus albicollis
Corvus albus
Corvus cryptoleucus
Corvus corax
Cyanolyca nana
Cyanolyca mirabilis
Cyanolyca pumilo
Cyanolyca argentigula
Cyanolyca cucullata
Cyanolyca pulchra
Cyanolyca armillata
Cyanolyca viridicyanus
Cyanolyca turcosa
Cyanocitta stelleri
Cyanocitta cristata
Gymnorhinus cyanocephalus
Aphelocoma ultramarina
Aphelocoma unicolor
Aphelocoma coerulescens
Aphelocoma californica
Aphelocoma insularis
Calocitta colliei
Calocitta formosa
Cyanocorax morio
Cyanocorax caeruleus
Cyanocorax violaceus
Cyanocorax cyanomelas
Cyanocorax cristatellus
Cyanocorax yncas
Cyanocorax mystacalis
Cyanocorax melanocyaneus
Cyanocorax yucatanicus
Cyanocorax sanblasianus
Cyanocorax beecheii
Cyanocorax dickeyi
Cyanocorax heilprini
Cyanocorax affinis
Cyanocorax cayanus
Cyanocorax cyanopogon
Cyanocorax chrysops
Corcorax melanorhamphos
Struthidea cinerea
Chaetorhynchus papuensis
Lamprolia victoriae
Rhipidura diluta
Rhipidura leucothorax
Rhipidura threnothorax
Rhipidura leucophrys
Rhipidura javanica
Rhipidura aureola
Rhipidura albicollis
Rhipidura atra
Rhipidura nigrocinnamomea
Rhipidura superciliaris
Rhipidura cyaniceps
Rhipidura perlata
Rhipidura fuscorufa
Rhipidura rufiventris
Rhipidura cockerelli
Rhipidura brachyrhyncha
Rhipidura rufidorsa
Rhipidura dahli
Rhipidura rufifrons
Rhipidura teysmanni
Rhipidura albolimbata
Rhipidura hyperythra
Rhipidura verreauxi
Rhipidura tenebrosa
Rhipidura phasiana
Rhipidura fuliginosa
Rhipidura rennelliana
Lycocorax pyrrhopterus
Manucodia keraudrenii
Manucodia jobiensis
Manucodia ater
Manucodia chalybatus
Manucodia comrii
Pteridophora alberti
Parotia carolae
Parotia helenae
Parotia lawesii
Parotia wahnesi
Parotia sefilata
Semioptera wallacii
Ptiloris paradiseus
Ptiloris victoriae
Lophorina superba
Ptiloris intercedens
Ptiloris magnificus
Seleucidis melanoleucus
Epimachus bruijnii
Epimachus albertisi
Epimachus fastuosus
Epimachus meyeri
Paradigalla brevicauda
Paradigalla carunculata
Astrapia splendidissima
Astrapia nigra
Astrapia rothschildi
Astrapia mayeri
Astrapia stephaniae
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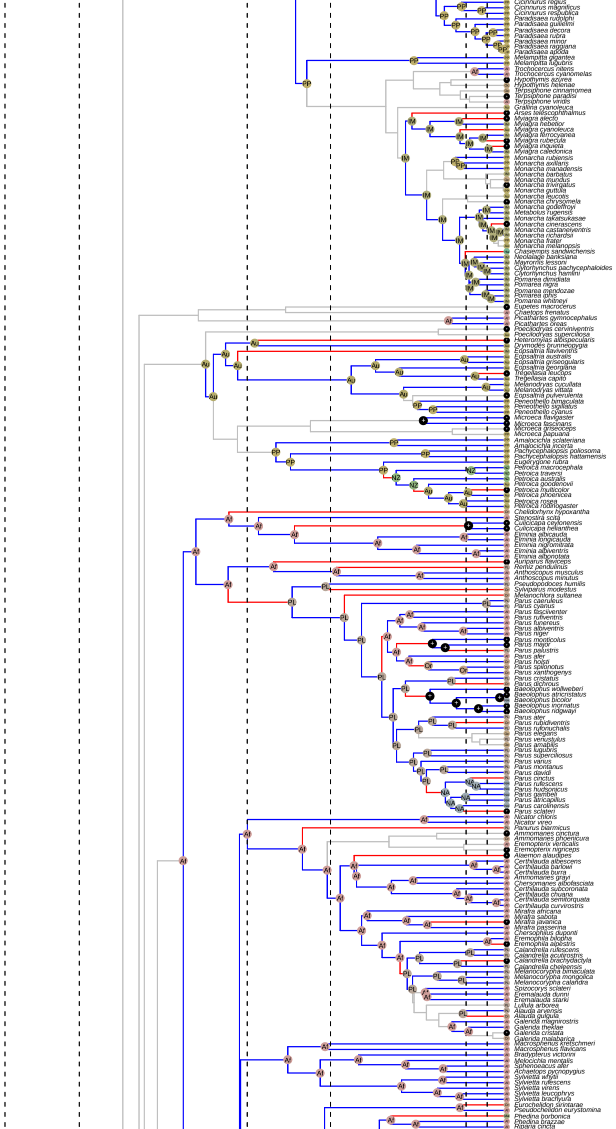
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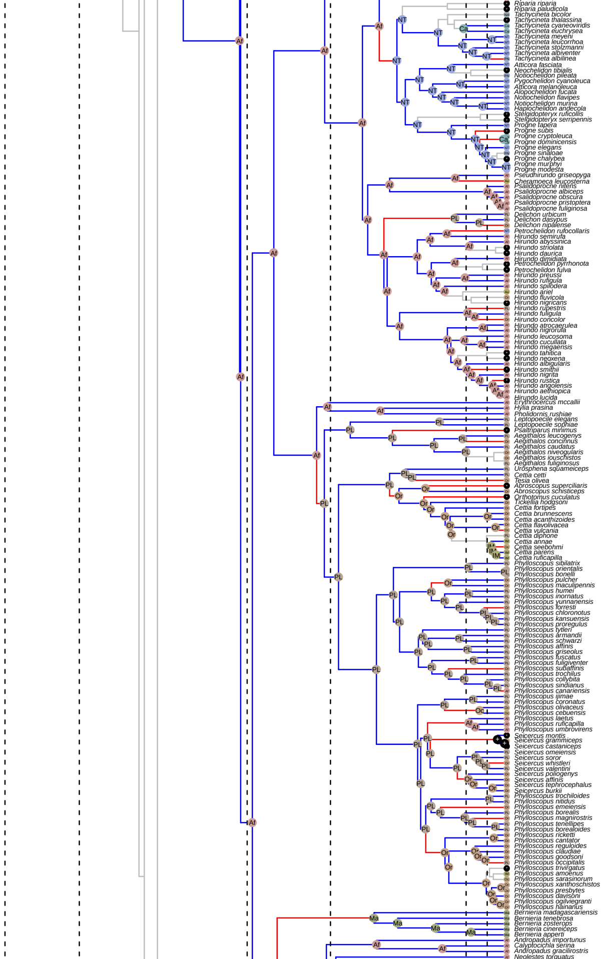
Paradisaea guilielmi
Paradisaea decora
Paradisaea rubra
Paradisaea minor
Paradisaea raggiana
Paradisaea apoda
Melampitta gigantea
Melampitta lugubris
Trochocercus nitens
Trochocercus cyanomelas
Hypothymis azurea
Hypothymis helenae
Terpsiphone cinnamomea
Terpsiphone paradisi
Terpsiphone viridis
Grallina cyanoleuca
Arses telescophthalmus
Myiagra alecto
Myiagra hebetior
Myiagra cyanoleuca
Myiagra ferrocyanea
Myiagra rubecula
Myiagra inquieta
Myiagra caledonica
Monarcha rubiensis
Monarcha axillaris
Monarcha manadensis
Monarcha barbatus
Monarcha mundus
Monarcha trivirgatus
Monarcha guttula
Monarcha leucotis
Monarcha chrysomela
Monarcha godeffroyi
Metabolus rugensis
Monarcha takatsukasae
Monarcha cinerascens
Monarcha castaneiventris
Monarcha richardsii
Monarcha frater
Monarcha melanopsis
Chasiempis sandwichensis
Neolalage banksiana
Mayrornis lessoni
Clytorhynchus pachycephaloides
Clytorhynchus hamlini
Pomarea dimidiata
Pomarea nigra
Pomarea mendozae
Pomarea iphis
Pomarea whitneyi
Eupetes macrocerus
Chaetops frenatus
Picathartes gymnocephalus
Picathartes oreas
Poecilodryas cerviniventris
Poecilodryas superciliosa
Heteromyias albispecularis
Drymodes brunneopygia
Eopsaltria flaviventris
Eopsaltria australis
Eopsaltria griseogularis
Eopsaltria georgiana
Tregellasia leucops
Tregellasia capito
Melanodryas cucullata
Melanodryas vittata
Eopsaltria pulverulenta
Peneothello bimaculata
Peneothello sigillatus
Peneothello cyanus
Microeca flavigaster
Microeca fascinans
Microeca griseoceps
Microeca papuana
Amalocichla sclateriana
Amalocichla incerta
Pachycephalopsis poliosoma
Pachycephalopsis hattamensis
Eugerygone rubra
Petroica macrocephala
Petroica traversi
Petroica australis
Petroica goodenovii
Petroica multicolor
Petroica phoenicea
Petroica rosea
Petroica rodinogaster
Chelidorhynx hypoxantha
Stenostira scita
Culicicapa ceylonensis
Culicicapa helianthea
Elminia albicauda
Elminia longicauda
Elminia nigromitrata
Elminia albiventris
Elminia albonotata
Auriparus flaviceps
Remiz pendulinus
Anthoscopus musculus
Anthoscopus minutus
Pseudopodoces humilis
Sylviparus modestus
Melanochlora sultanea
Parus caeruleus
Parus cyanus
Parus fasciiventer
Parus rufiventris
Parus funereus
Parus albiventris
Parus niger
Parus monticolus
Parus major
Parus palustris
Parus afer
Parus holsti
Parus spilonotus
Parus xanthogenys
Parus cristatus
Parus dichrous
Baeolophus wollweberi
Baeolophus atricristatus
Baeolophus bicolor
Baeolophus inornatus
Baeolophus ridgwayi
Parus ater
Parus rubidiventris
Parus rufonuchalis
Parus elegans
Parus venustulus
Parus amabilis
Parus lugubris
Parus superciliosus
Parus varius
Parus montanus
Parus davidi
Parus cinctus
Parus rufescens
Parus hudsonicus
Parus gambeli
Parus atricapillus
Parus carolinensis
Parus sclateri
Nicator chloris
Nicator vireo
Panurus biarmicus
Ammomanes cinctura
Ammomanes phoenicura
Eremopterix verticalis
Eremopterix nigriceps
Alaemon alaudipes
Certhilauda albescens
Certhilauda barlowi
Certhilauda burra
Ammomanes grayi
Chersomanes albofasciata
Certhilauda subcoronata
Certhilauda chuana
Certhilauda semitorquata
Certhilauda curvirostris
Mirafra africana
Mirafra sabota
Mirafra javanica
Mirafra passerina
Chersophilus duponti
Eremophila bilopha
Eremophila alpestris
Calandrella rufescens
Calandrella acutirostris
Calandrella brachydactyla
Calandrella cheleensis
Melanocorypha bimaculata
Melanocorypha mongolica
Melanocorypha calandra
Spizocorys sclateri
Eremalauda dunni
Eremalauda starki
Lullula arborea
Alauda arvensis
Alauda gulgula
Galerida magnirostris
Galerida theklae
Galerida cristata
Galerida malabarica
Macrosphenus kretschmeri
Macrosphenus flavicans
Bradypterus victorini
Melocichla mentalis
Sphenoeacus afer
Achaetops pycnopygius
Sylvietta whytii
Sylvietta rufescens
Sylvietta virens
Sylvietta leucophrys
Sylvietta brachyura
Eurochelidon sirintarae
Pseudochelidon eurystomina
Phedina borbonica
Phedina brazzae
Riparia cincta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Tachycineta meyeni
Tachycineta leucorrhoa
Tachycineta stolzmanni
Tachycineta albiventer
Tachycineta albilinea
Atticora fasciata
Neochelidon tibialis
Notiochelidon pileata
Pygochelidon cyanoleuca
Atticora melanoleuca
Alopochelidon fucata
Notiochelidon flavipes
Notiochelidon murina
Haplochelidon andecola
Stelgidopteryx ruficollis
Stelgidopteryx serripennis
Progne tapera
Progne subis
Progne cryptoleuca
Progne dominicensis
Progne elegans
Progne sinaloae
Progne chalybea
Progne murphyi
Progne modesta
Pseudhirundo griseopyga
Cheramoeca leucosterna
Psalidoprocne nitens
Psalidoprocne albiceps
Psalidoprocne obscura
Psalidoprocne pristoptera
Psalidoprocne fuliginosa
Delichon urbicum
Delichon dasypus
Delichon nipalense
Petrochelidon rufocollaris
Hirundo semirufa
Hirundo abyssinica
Hirundo striolata
Hirundo daurica
Hirundo dimidiata
Petrochelidon pyrrhonota
Petrochelidon fulva
Hirundo preussi
Hirundo rufigula
Hirundo spilodera
Hirundo ariel
Hirundo fluvicola
Hirundo nigricans
Hirundo rupestris
Hirundo fuligula
Hirundo concolor
Hirundo atrocaerulea
Hirundo nigrorufa
Hirundo leucosoma
Hirundo cucullata
Hirundo megaensis
Hirundo tahitica
Hirundo neoxena
Hirundo albigularis
Hirundo smithii
Hirundo nigrita
Hirundo rustica
Hirundo angolensis
Hirundo aethiopica
Hirundo lucida
Erythrocercus mccallii
Hylia prasina
Pholidornis rushiae
Leptopoecile elegans
Leptopoecile sophiae
Psaltriparus minimus
Aegithalos leucogenys
Aegithalos concinnus
Aegithalos caudatus
Aegithalos niveogularis
Aegithalos iouschistos
Aegithalos fuliginosus
Urosphena squameiceps
Cettia cetti
Tesia olivea
Abroscopus superciliaris
Abroscopus schisticeps
Orthotomus cuculatus
Tickellia hodgsoni
Cettia fortipes
Cettia brunnescens
Cettia acanthizoides
Cettia flavolivacea
Cettia vulcania
Cettia diphone
Cettia annae
Cettia seebohmi
Cettia parens
Cettia ruficapilla
Phylloscopus sibilatrix
Phylloscopus orientalis
Phylloscopus bonelli
Phylloscopus pulcher
Phylloscopus maculipennis
Phylloscopus humei
Phylloscopus inornatus
Phylloscopus yunnanensis
Phylloscopus forresti
Phylloscopus chloronotus
Phylloscopus kansuensis
Phylloscopus proregulus
Phylloscopus tytleri
Phylloscopus armandii
Phylloscopus schwarzi
Phylloscopus affinis
Phylloscopus griseolus
Phylloscopus fuscatus
Phylloscopus fuligiventer
Phylloscopus subaffinis
Phylloscopus trochilus
Phylloscopus collybita
Phylloscopus sindianus
Phylloscopus canariensis
Phylloscopus ijimae
Phylloscopus coronatus
Phylloscopus olivaceus
Phylloscopus cebuensis
Phylloscopus laetus
Phylloscopus ruficapilla
Phylloscopus umbrovirens
Seicercus montis
Seicercus grammiceps
Seicercus castaniceps
Seicercus omeiensis
Seicercus soror
Seicercus whistleri
Seicercus valentini
Seicercus poliogenys
Seicercus affinis
Seicercus tephrocephalus
Seicercus burkii
Phylloscopus trochiloides
Phylloscopus nitidus
Phylloscopus emeiensis
Phylloscopus borealis
Phylloscopus magnirostris
Phylloscopus tenellipes
Phylloscopus borealoides
Phylloscopus ricketti
Phylloscopus cantator
Phylloscopus reguloides
Phylloscopus claudiae
Phylloscopus goodsoni
Phylloscopus occipitalis
Phylloscopus trivirgatus
Phylloscopus amoenus
Phylloscopus sarasinorum
Phylloscopus xanthoschistos
Phylloscopus presbytes
Phylloscopus davisoni
Phylloscopus ogilviegranti
Phylloscopus hainanus
Bernieria madagascariensis
Bernieria tenebrosa
Bernieria zosterops
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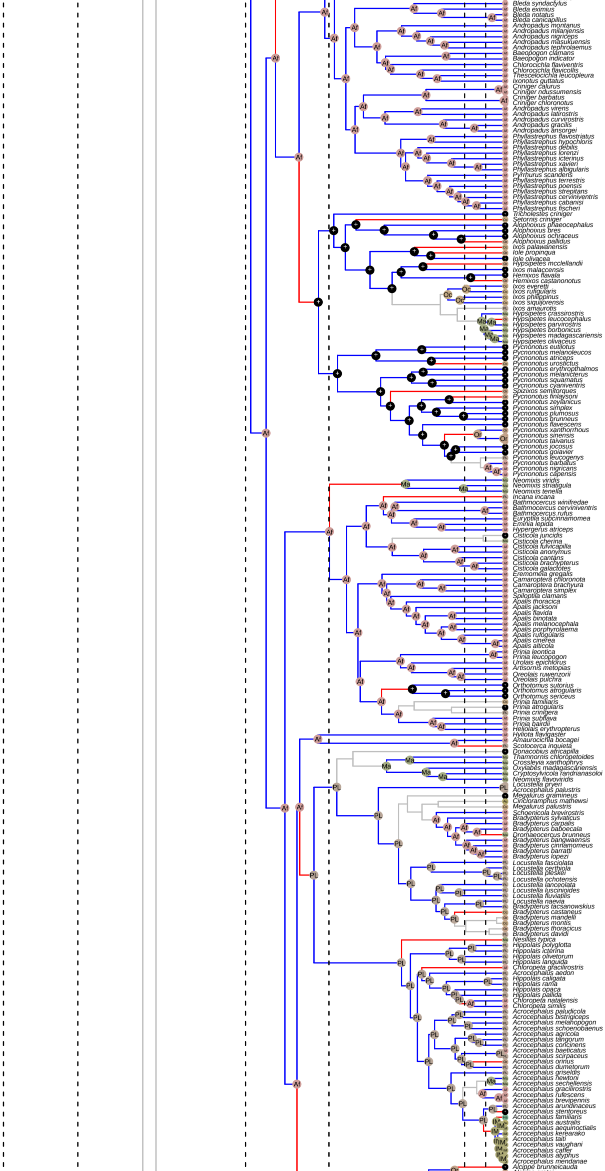
Calyptocichla serina
Andropadus gracilirostris
Neolestes torquatus


Bleda syndactylus
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Bleda notatus
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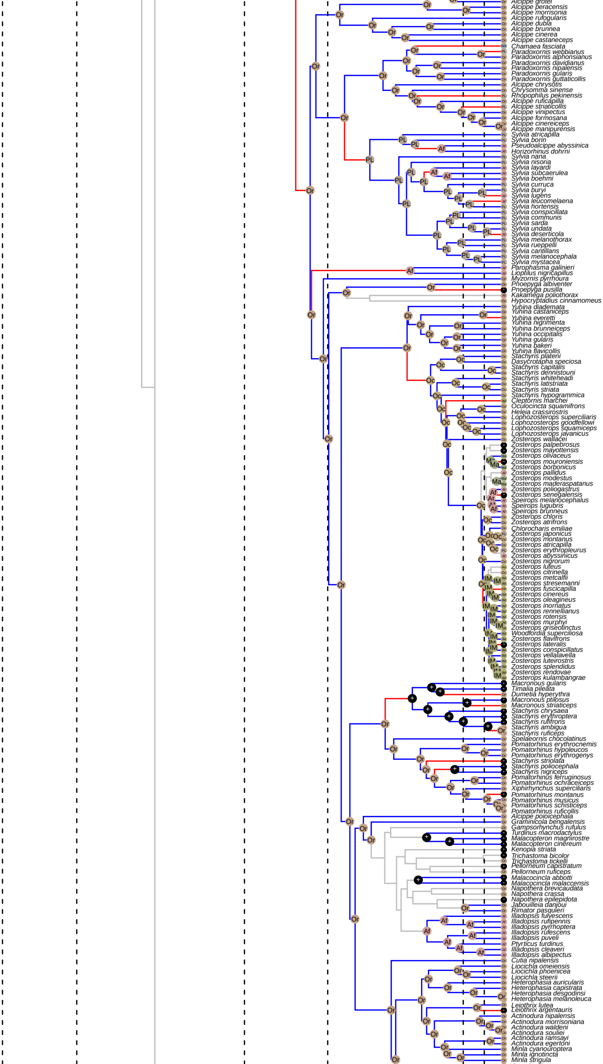
Andropadus nigriceps
Andropadus masukuensis
Andropadus tephrolaemus
Baeopogon clamans
Baeopogon indicator
Chlorocichla flaviventris
Chlorocichla flavicollis
Thescelocichla leucopleura
Ixonotus guttatus
Criniger calurus
Criniger ndussumensis
Criniger barbatus
Criniger chloronotus
Andropadus virens
Andropadus latirostris
Andropadus curvirostris
Andropadus gracilis
Andropadus ansorgei
Phyllastrephus flavostriatus
Phyllastrephus hypochloris
Phyllastrephus debilis
Phyllastrephus lorenzi
Phyllastrephus icterinus
Phyllastrephus xavieri
Phyllastrephus albigularis
Pyrrhurus scandens
Phyllastrephus terrestris
Phyllastrephus poensis
Phyllastrephus strepitans
Phyllastrephus cerviniventris
Phyllastrephus cabanisi
Phyllastrephus fischeri
Tricholestes criniger
Setornis criniger
Alophoixus phaeocephalus
Alophoixus bres
Alophoixus ochraceus
Alophoixus pallidus
Ixos palawanensis
Iole propinqua
Iole olivacea
Hypsipetes mcclellandii
Ixos malaccensis
Hemixos flavala
Hemixos castanonotus
Ixos everetti
Ixos rufigularis
Ixos philippinus
Ixos siquijorensis
Ixos amaurotis
Hypsipetes crassirostris
Hypsipetes leucocephalus
Hypsipetes parvirostris
Hypsipetes borbonicus
Hypsipetes madagascariensis
Hypsipetes olivaceus
Pycnonotus eutilotus
Pycnonotus melanoleucos
Pycnonotus atriceps
Pycnonotus urostictus
Pycnonotus erythropthalmos
Pycnonotus melanicterus
Pycnonotus squamatus
Pycnonotus cyaniventris
Spizixos semitorques
Pycnonotus finlaysoni
Pycnonotus zeylanicus
Pycnonotus simplex
Pycnonotus plumosus
Pycnonotus brunneus
Pycnonotus flavescens
Pycnonotus xanthorrhous
Pycnonotus sinensis
Pycnonotus taivanus
Pycnonotus jocosus
Pycnonotus goiavier
Pycnonotus leucogenys
Pycnonotus barbatus
Pycnonotus nigricans
Pycnonotus capensis
Neomixis viridis
Neomixis striatigula
Neomixis tenella
Incana incana
Bathmocercus winifredae
Bathmocercus cerviniventris
Bathmocercus rufus
Euryptila subcinnamomea
Eminia lepida
Hypergerus atriceps
Cisticola juncidis
Cisticola cherina
Cisticola fulvicapilla
Cisticola anonymus
Cisticola cantans
Cisticola brachypterus
Cisticola galactotes
Eremomela gregalis
Camaroptera chloronota
Camaroptera brachyura
Camaroptera simplex
Spiloptila clamans
Apalis thoracica
Apalis jacksoni
Apalis flavida
Apalis binotata
Apalis melanocephala
Apalis porphyrolaema
Apalis rufogularis
Apalis cinerea
Apalis alticola
Prinia leontica
Prinia leucopogon
Urolais epichlorus
Artisornis metopias
Oreolais ruwenzorii
Oreolais pulchra
Orthotomus sutorius
Orthotomus atrogularis
Orthotomus sericeus
Prinia familiaris
Prinia atrogularis
Prinia crinigera
Prinia subflava
Prinia bairdii
Heliolais erythropterus
Hyliota flavigaster
Amaurocichla bocagei
Scotocerca inquieta
Donacobius atricapilla
Thamnornis chloropetoides
Crossleyia xanthophrys
Oxylabes madagascariensis
Cryptosylvicola randrianasoloi
Neomixis flavoviridis
Locustella pryeri
Acrocephalus palustris
Megalurus gramineus
Cincloramphus mathewsi
Megalurus palustris
Schoenicola brevirostris
Bradypterus sylvaticus
Bradypterus carpalis
Bradypterus baboecala
Dromaeocercus brunneus
Bradypterus bangwaensis
Bradypterus cinnamomeus
Bradypterus barratti
Bradypterus lopezi
Locustella fasciolata
Locustella certhiola
Locustella pleskei
Locustella ochotensis
Locustella lanceolata
Locustella luscinioides
Locustella fluviatilis
Locustella naevia
Bradypterus tacsanowskius
Bradypterus castaneus
Bradypterus mandelli
Bradypterus montis
Bradypterus thoracicus
Bradypterus davidi
Nesillas typica
Hippolais polyglotta
Hippolais icterina
Hippolais olivetorum
Hippolais languida
Chloropeta gracilirostris
Acrocephalus aedon
Hippolais caligata
Hippolais rama
Hippolais opaca
Hippolais pallida
Chloropeta natalensis
Chloropeta similis
Acrocephalus paludicola
Acrocephalus bistrigiceps
Acrocephalus melanopogon
Acrocephalus schoenobaenus
Acrocephalus agricola
Acrocephalus tangorum
Acrocephalus concinens
Acrocephalus baeticatus
Acrocephalus scirpaceus
Acrocephalus orinus
Acrocephalus dumetorum
Acrocephalus griseldis
Acrocephalus newtoni
Acrocephalus sechellensis
Acrocephalus gracilirostris
Acrocephalus rufescens
Acrocephalus brevipennis
Acrocephalus arundinaceus
Acrocephalus stentoreus
Acrocephalus familiaris
Acrocephalus australis
Acrocephalus aequinoctialis
Acrocephalus kerearako
Acrocephalus taiti
Acrocephalus vaughani
Acrocephalus caffer
Acrocephalus atyphus
Acrocephalus mendanae
Alcippe brunneicauda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Alcippe dubia
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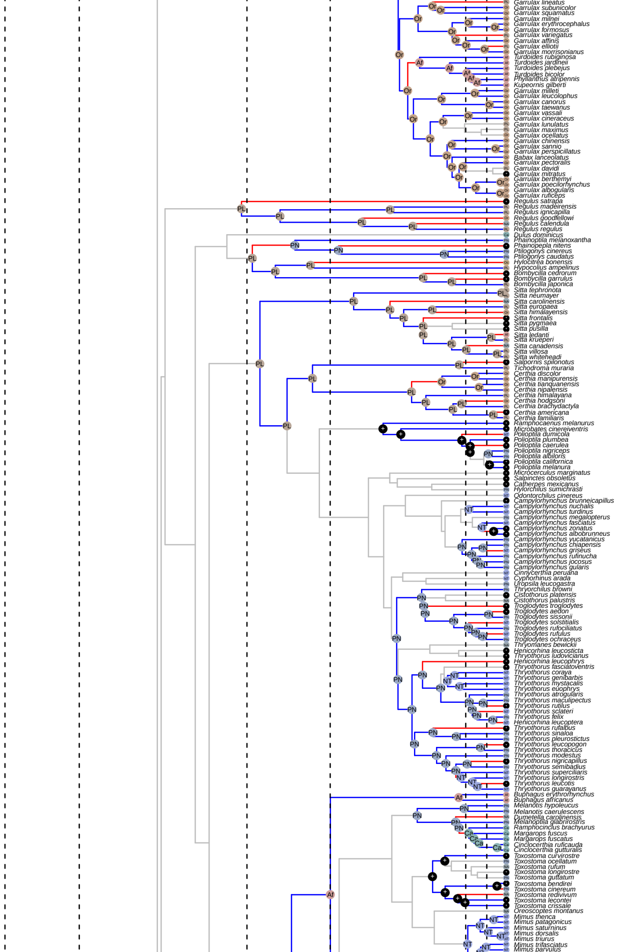
Alcippe cinerea
Alcippe castaneceps
Chamaea fasciata
Paradoxornis webbianus
Paradoxornis alphonsianus
Paradoxornis davidianus
Paradoxornis nipalensis
Paradoxornis gularis
Paradoxornis guttaticollis
Alcippe chrysotis
Chrysomma sinense
Rhopophilus pekinensis
Alcippe ruficapilla
Alcippe striaticollis
Alcippe vinipectus
Alcippe formosana
Alcippe cinereiceps
Alcippe manipurensis
Sylvia atricapilla
Sylvia borin
Pseudoalcippe abyssinica
Horizorhinus dohrni
Sylvia nana
Sylvia nisoria
Sylvia layardi
Sylvia subcaerulea
Sylvia boehmi
Sylvia curruca
Sylvia buryi
Sylvia lugens
Sylvia leucomelaena
Sylvia hortensis
Sylvia conspicillata
Sylvia communis
Sylvia sarda
Sylvia undata
Sylvia deserticola
Sylvia melanothorax
Sylvia rueppelli
Sylvia cantillans
Sylvia melanocephala
Sylvia mystacea
Parophasma galinieri
Lioptilus nigricapillus
Myzornis pyrrhoura
Pnoepyga albiventer
Pnoepyga pusilla
Kakamega poliothorax
Hypocryptadius cinnamomeus
Yuhina diademata
Yuhina castaniceps
Yuhina everetti
Yuhina nigrimenta
Yuhina brunneiceps
Yuhina occipitalis
Yuhina gularis
Yuhina bakeri
Yuhina flavicollis
Stachyris plateni
Dasycrotapha speciosa
Stachyris capitalis
Stachyris dennistouni
Stachyris whiteheadi
Stachyris latistriata
Stachyris striata
Stachyris hypogrammica
Cleptornis marchei
Oculocincta squamifrons
Heleia crassirostris
Lophozosterops superciliaris
Lophozosterops goodfellowi
Lophozosterops squamiceps
Lophozosterops javanicus
Zosterops wallacei
Zosterops palpebrosus
Zosterops mayottensis
Zosterops olivaceus
Zosterops mouroniensis
Zosterops borbonicus
Zosterops pallidus
Zosterops modestus
Zosterops maderaspatanus
Zosterops poliogastrus
Zosterops senegalensis
Speirops melanocephalus
Speirops lugubris
Speirops brunneus
Zosterops chloris
Zosterops atrifrons
Chlorocharis emiliae
Zosterops japonicus
Zosterops montanus
Zosterops atricapilla
Zosterops erythropleurus
Zosterops abyssinicus
Zosterops nigrorum
Zosterops luteus
Zosterops citrinella
Zosterops metcalfii
Zosterops stresemanni
Zosterops fuscicapilla
Zosterops cinereus
Zosterops oleagineus
Zosterops inornatus
Zosterops rennellianus
Zosterops rotensis
Zosterops murphyi
Zosterops griseotinctus
Woodfordia superciliosa
Zosterops flavifrons
Zosterops lateralis
Zosterops conspicillatus
Zosterops vellalavella
Zosterops luteirostris
Zosterops splendidus
Zosterops rendovae
Zosterops kulambangrae
Macronous gularis
Timalia pileata
Dumetia hyperythra
Macronous ptilosus
Macronous striaticeps
Stachyris chrysaea
Stachyris erythroptera
Stachyris rufifrons
Stachyris ambigua
Stachyris ruficeps
Spelaeornis chocolatinus
Pomatorhinus erythrocnemis
Pomatorhinus hypoleucos
Pomatorhinus erythrogenys
Stachyris striolata
Stachyris poliocephala
Stachyris nigriceps
Pomatorhinus ferruginosus
Pomatorhinus ochraceiceps
Xiphirhynchus superciliaris
Pomatorhinus montanus
Pomatorhinus musicus
Pomatorhinus schisticeps
Pomatorhinus ruficollis
Alcippe poioicephala
Graminicola bengalensis
Gampsorhynchus rufulus
Turdinus macrodactylus
Malacopteron magnirostre
Malacopteron cinereum
Kenopia striata
Trichastoma bicolor
Trichastoma tickelli
Pellorneum capistratum
Pellorneum ruficeps
Malacocincla abbotti
Malacocincla malaccensis
Napothera brevicaudata
Napothera crassa
Napothera epilepidota
Jabouilleia danjoui
Rimator pasquieri
Illadopsis fulvescens
Illadopsis rufipennis
Illadopsis pyrrhoptera
Illadopsis rufescens
Illadopsis puveli
Ptyrticus turdinus
Illadopsis cleaveri
Illadopsis albipectus
Cutia nipalensis
Liocichla omeiensis
Liocichla phoenicea
Liocichla steerii
Heterophasia auricularis
Heterophasia capistrata
Heterophasia desgodinsi
Heterophasia melanoleuca
Leiothrix lutea
Leiothrix argentauris
Actinodura nipalensis
Actinodura morrisoniana
Actinodura waldeni
Actinodura souliei
Actinodura ramsayi
Actinodura egertoni
Minla cyanouroptera
Minla ignotincta
Minla strigula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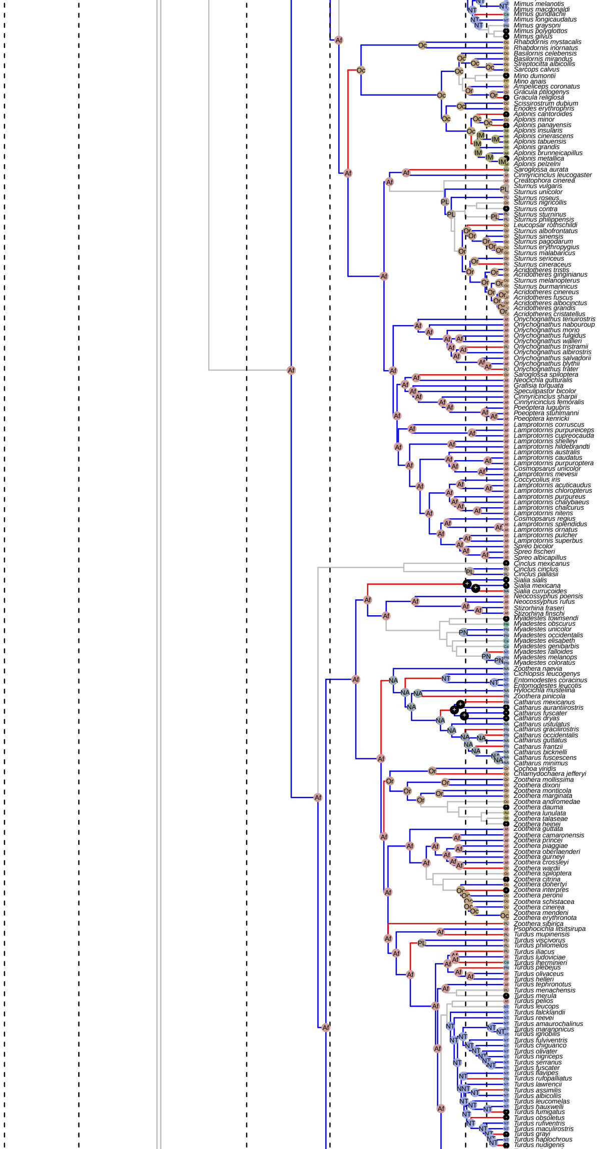
Garrulax elliotii
Garrulax morrisonianus
Turdoides rubiginosa
Turdoides jardineii
Turdoides plebejus
Turdoides bicolor
Phyllanthus atripennis
Kupeornis gilberti
Garrulax milleti
Garrulax leucolophus
Garrulax canorus
Garrulax taewanus
Garrulax vassali
Garrulax cineraceus
Garrulax lunulatus
Garrulax maximus
Garrulax ocellatus
Garrulax chinensis
Garrulax sannio
Garrulax perspicillatus
Babax lanceolatus
Garrulax pectoralis
Garrulax davidi
Garrulax mitratus
Garrulax berthemyi
Garrulax poecilorhynchus
Garrulax albogularis
Garrulax ruficeps
Regulus satrapa
Regulus madeirensis
Regulus ignicapilla
Regulus goodfellowi
Regulus calendula
Regulus regulus
Dulus dominicus
Phainoptila melanoxantha
Phainopepla nitens
Ptilogonys cinereus
Ptilogonys caudatus
Hylocitrea bonensis
Hypocolius ampelinus
Bombycilla cedrorum
Bombycilla garrulus
Bombycilla japonica
Sitta tephronota
Sitta neumayer
Sitta carolinensis
Sitta europaea
Sitta himalayensis
Sitta frontalis
Sitta pygmaea
Sitta pusilla
Sitta ledanti
Sitta krueperi
Sitta canadensis
Sitta villosa
Sitta whiteheadi
Salpornis spilonotus
Tichodroma muraria
Certhia discolor
Certhia manipurensis
Certhia tianquanensis
Certhia nipalensis
Certhia himalayana
Certhia hodgsoni
Certhia brachydactyla
Certhia americana
Certhia familiaris
Ramphocaenus melanurus
Microbates cinereiventris
Polioptila dumicola
Polioptila plumbea
Polioptila caerulea
Polioptila nigriceps
Polioptila albiloris
Polioptila californica
Polioptila melanura
Microcerculus marginatus
Salpinctes obsoletus
Catherpes mexicanus
Hylorchilus sumichrasti
Odontorchilus cinereus
Campylorhynchus brunneicapillus
Campylorhynchus nuchalis
Campylorhynchus turdinus
Campylorhynchus megalopterus
Campylorhynchus fasciatus
Campylorhynchus zonatus
Campylorhynchus albobrunneus
Campylorhynchus yucatanicus
Campylorhynchus chiapensis
Campylorhynchus griseus
Campylorhynchus rufinucha
Campylorhynchus jocosus
Campylorhynchus gularis
Cinnycerthia peruana
Cyphorhinus arada
Uropsila leucogastra
Thryorchilus browni
Cistothorus platensis
Cistothorus palustris
Troglodytes troglodytes
Troglodytes aedon
Troglodytes sissonii
Troglodytes solstitialis
Troglodytes rufociliatus
Troglodytes rufulus
Troglodytes ochraceus
Thryomanes bewickii
Henicorhina leucosticta
Thryothorus ludovicianus
Henicorhina leucophrys
Thryothorus fasciatoventris
Thryothorus coraya
Thryothorus genibarbis
Thryothorus mystacalis
Thryothorus euophrys
Thryothorus atrogularis
Thryothorus maculipectus
Thryothorus rutilus
Thryothorus sclateri
Thryothorus felix
Henicorhina leucoptera
Thryothorus rufalbus
Thryothorus sinaloa
Thryothorus pleurostictus
Thryothorus leucopogon
Thryothorus thoracicus
Thryothorus modestus
Thryothorus nigricapillus
Thryothorus semibadius
Thryothorus superciliaris
Thryothorus longirostris
Thryothorus leucotis
Thryothorus guarayanus
Buphagus erythrorhynchus
Buphagus africanus
Melanotis hypoleucus
Melanotis caerulescens
Dumetella carolinensis
Melanoptila glabrirostris
Ramphocinclus brachyurus
Margarops fuscus
Margarops fuscatus
Cinclocerthia ruficauda
Cinclocerthia gutturalis
Toxostoma curvirostre
Toxostoma ocellatum
Toxostoma rufum
Toxostoma longirostre
Toxostoma guttatum
Toxostoma bendirei
Toxostoma cinereum
Toxostoma redivivum
Toxostoma lecontei
Toxostoma crissale
Oreoscoptes montanus
Mimus thenca
Mimus patagonicus
Mimus saturninus
Mimus dorsalis
Mimus triurus
Mimus trifasciatus
Mimus parvulus


Mimus melanotis
Mimus macdonaldi
Mimus gundlachii
Mimus longicaudatus
Mimus graysoni
Mimus polyglottos
Mimus gilvus
Rhabdornis mystacalis
Rhabdornis inornatus
Basilornis celebensis
Basilornis mirandus
Streptocitta albicollis
Sarcops calvus
Mino dumontii
Mino anais
Ampeliceps coronatus
Gracula ptilogenys
Gracula religiosa
Scissirostrum dubium
Enodes erythrophris
Aplonis cantoroides
Aplonis minor
Aplonis panayensis
Aplonis insularis
Aplonis cinerascens
Aplonis tabuensis
Aplonis grandis
Aplonis brunneicapillus
Aplonis metallica
Aplonis pelzelni
Saroglossa aurata
Cinnyricinclus leucogaster
Creatophora cinerea
Sturnus vulgaris
Sturnus unicolor
Sturnus roseus
Sturnus nigricollis
Sturnus contra
Sturnus sturninus
Sturnus philippensis
Leucopsar rothschildi
Sturnus albofrontatus
Sturnus sinensis
Sturnus pagodarum
Sturnus erythropygius
Sturnus malabaricus
Sturnus sericeus
Sturnus cineraceus
Acridotheres tristis
Acridotheres ginginianus
Sturnus melanopterus
Sturnus burmannicus
Acridotheres cinereus
Acridotheres fuscus
Acridotheres albocinctus
Acridotheres grandis
Acridotheres cristatellus
Onychognathus tenuirostris
Onychognathus nabouroup
Onychognathus morio
Onychognathus fulgidus
Onychognathus walleri
Onychognathus tristramii
Onychognathus albirostris
Onychognathus salvadorii
Onychognathus blythii
Onychognathus frater
Saroglossa spiloptera
Neocichla gutturalis
Grafisia torquata
Speculipastor bicolor
Cinnyricinclus sharpii
Cinnyricinclus femoralis
Poeoptera lugubris
Poeoptera stuhlmanni
Poeoptera kenricki
Lamprotornis corruscus
Lamprotornis purpureiceps
Lamprotornis cupreocauda
Lamprotornis shelleyi
Lamprotornis hildebrandti
Lamprotornis australis
Lamprotornis caudatus
Lamprotornis purpuroptera
Cosmopsarus unicolor
Lamprotornis mevesii
Coccycolius iris
Lamprotornis acuticaudus
Lamprotornis chloropterus
Lamprotornis purpureus
Lamprotornis chalybaeus
Lamprotornis chalcurus
Lamprotornis nitens
Cosmopsarus regius
Lamprotornis splendidus
Lamprotornis ornatus
Lamprotornis pulcher
Lamprotornis superbus
Spreo bicolor
Spreo fischeri
Spreo albicapillus
Cinclus mexicanus
Cinclus cinclus
Cinclus pallasii
Sialia sialis
Sialia mexicana
Sialia currucoides
Neocossyphus poensis
Neocossyphus rufus
Stizorhina fraseri
Stizorhina finschi
Myadestes townsendi
Myadestes obscurus
Myadestes unicolor
Myadestes occidentalis
Myadestes elisabeth
Myadestes genibarbis
Myadestes ralloides
Myadestes melanops
Myadestes coloratus
Zoothera naevia
Cichlopsis leucogenys
Entomodestes coracinus
Entomodestes leucotis
Hylocichla mustelina
Zoothera pinicola
Catharus mexicanus
Catharus aurantiirostris
Catharus fuscater
Catharus dryas
Catharus ustulatus
Catharus gracilirostris
Catharus occidentalis
Catharus guttatus
Catharus frantzii
Catharus bicknelli
Catharus fuscescens
Catharus minimus
Cochoa viridis
Chlamydochaera jefferyi
Zoothera mollissima
Zoothera dixoni
Zoothera monticola
Zoothera marginata
Zoothera andromedae
Zoothera dauma
Zoothera lunulata
Zoothera talaseae
Zoothera heinei
Zoothera guttata
Zoothera camaronensis
Zoothera princei
Zoothera piaggiae
Zoothera oberlaenderi
Zoothera gurneyi
Zoothera crossleyi
Zoothera wardii
Zoothera spiloptera
Zoothera citrina
Zoothera dohertyi
Zoothera interpres
Zoothera peronii
Zoothera schistacea
Zoothera cinerea
Zoothera mendeni
Zoothera erythronota
Zoothera sibirica
Psophocichla litsitsirupa
Turdus mupinensis
Turdus viscivorus
Turdus philomelos
Turdus iliacus
Turdus ludoviciae
Turdus lherminieri
Turdus plebejus
Turdus olivaceus
Turdus helleri
Turdus tephronotus
Turdus menachensis
Turdus merula
Turdus pelios
Turdus leucops
Turdus falcklandii
Turdus reevei
Turdus amaurochalinus
Turdus maranonicus
Turdus ignobilis
Turdus fulviventris
Turdus chiguanco
Turdus olivater
Turdus nigriceps
Turdus serranus
Turdus fuscater
Turdus flavipes
Turdus rufopalliatus
Turdus lawrencii
Turdus assimilis
Turdus albicollis
Turdus leucomelas
Turdus hauxwelli
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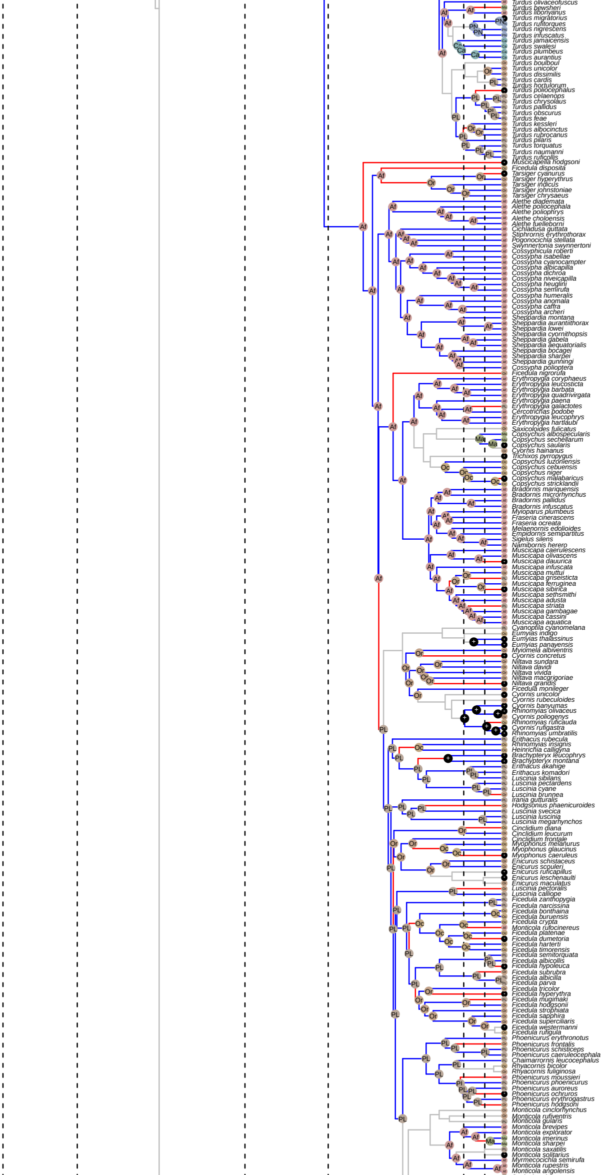
Turdus haplochrous
Turdus nudigenis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Turdus swalesi
Turdus plumbeus
Turdus aurantius
Turdus boulboul
Turdus unicolor
Turdus dissimilis
Turdus cardis
Turdus hortulorum
Turdus poliocephalus
Turdus celaenops
Turdus chrysolaus
Turdus pallidus
Turdus obscurus
Turdus feae
Turdus kessleri
Turdus albocinctus
Turdus rubrocanus
Turdus pilaris
Turdus torquatus
Turdus naumanni
Turdus ruficollis
Muscicapella hodgsoni
Ficedula disposita
Tarsiger cyanurus
Tarsiger hyperythrus
Tarsiger indicus
Tarsiger johnstoniae
Tarsiger chrysaeus
Alethe diademata
Alethe poliocephala
Alethe poliophrys
Alethe choloensis
Alethe fuelleborni
Cichladusa guttata
Stiphrornis erythrothorax
Pogonocichla stellata
Swynnertonia swynnertoni
Cossyphicula roberti
Cossypha isabellae
Cossypha cyanocampter
Cossypha albicapilla
Cossypha dichroa
Cossypha niveicapilla
Cossypha heuglini
Cossypha semirufa
Cossypha humeralis
Cossypha anomala
Cossypha caffra
Cossypha archeri
Sheppardia montana
Sheppardia aurantiithorax
Sheppardia lowei
Sheppardia cyornithopsis
Sheppardia gabela
Sheppardia aequatorialis
Sheppardia bocagei
Sheppardia sharpei
Sheppardia gunningi
Cossypha polioptera
Ficedula nigrorufa
Erythropygia coryphaeus
Erythropygia leucosticta
Erythropygia barbata
Erythropygia quadrivirgata
Erythropygia paena
Erythropygia galactotes
Cercotrichas podobe
Erythropygia leucophrys
Erythropygia hartlaubi
Saxicoloides fulicatus
Copsychus albospecularis
Copsychus sechellarum
Copsychus saularis
Cyornis hainanus
Trichixos pyrropygus
Copsychus luzoniensis
Copsychus cebuensis
Copsychus niger
Copsychus malabaricus
Copsychus stricklandii
Bradornis mariquensis
Bradornis microrhynchus
Bradornis pallidus
Bradornis infuscatus
Myioparus plumbeus
Fraseria cinerascens
Fraseria ocreata
Melaenornis edolioides
Empidornis semipartitus
Sigelus silens
Namibornis herero
Muscicapa caerulescens
Muscicapa olivascens
Muscicapa dauurica
Muscicapa infuscata
Muscicapa muttui
Muscicapa griseisticta
Muscicapa ferruginea
Muscicapa sibirica
Muscicapa sethsmithi
Muscicapa adusta
Muscicapa striata
Muscicapa gambagae
Muscicapa cassini
Muscicapa aquatica
Cyanoptila cyanomelana
Eumyias indigo
Eumyias thalassinus
Eumyias panayensis
Myiomela albiventris
Cyornis concretus
Niltava sundara
Niltava davidi
Niltava vivida
Niltava macgrigoriae
Niltava grandis
Ficedula monileger
Cyornis unicolor
Cyornis rubeculoides
Cyornis banyumas
Rhinomyias olivaceus
Cyornis poliogenys
Rhinomyias ruficauda
Cyornis rufigastra
Rhinomyias umbratilis
Erithacus rubecula
Rhinomyias insignis
Heinrichia calligyna
Brachypteryx leucophrys
Brachypteryx montana
Erithacus akahige
Erithacus komadori
Luscinia sibilans
Luscinia pectardens
Luscinia cyane
Luscinia brunnea
Irania gutturalis
Hodgsonius phaenicuroides
Luscinia svecica
Luscinia luscinia
Luscinia megarhynchos
Cinclidium diana
Cinclidium leucurum
Cinclidium frontale
Myophonus melanurus
Myophonus glaucinus
Myophonus caeruleus
Enicurus schistaceus
Enicurus scouleri
Enicurus ruficapillus
Enicurus leschenaulti
Enicurus maculatus
Luscinia pectoralis
Luscinia calliope
Ficedula zanthopygia
Ficedula narcissina
Ficedula bonthaina
Ficedula buruensis
Ficedula crypta
Monticola rufocinereus
Ficedula platenae
Ficedula dumetoria
Ficedula harterti
Ficedula timorensis
Ficedula semitorquata
Ficedula albicollis
Ficedula hypoleuca
Ficedula subrubra
Ficedula albicilla
Ficedula parva
Ficedula tricolor
Ficedula hyperythra
Ficedula mugimaki
Ficedula hodgsonii
Ficedula strophiata
Ficedula sapphira
Ficedula superciliaris
Ficedula westermanni
Ficedula rufigula
Phoenicurus erythronotus
Phoenicurus frontalis
Phoenicurus schisticeps
Phoenicurus caeruleocephala
Chaimarrornis leucocephalus
Rhyacornis bicolor
Rhyacornis fuliginosa
Phoenicurus moussieri
Phoenicurus phoenicurus
Phoenicurus auroreus
Phoenicurus ochruros
Phoenicurus erythrogastrus
Phoenicurus hodgsoni
Monticola cinclorhynchus
Monticola rufiventris
Monticola gularis
Monticola brevipes
Monticola explorator
Monticola imerinus
Monticola sharpei
Monticola saxatilis
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Myrmecocichla semirufa
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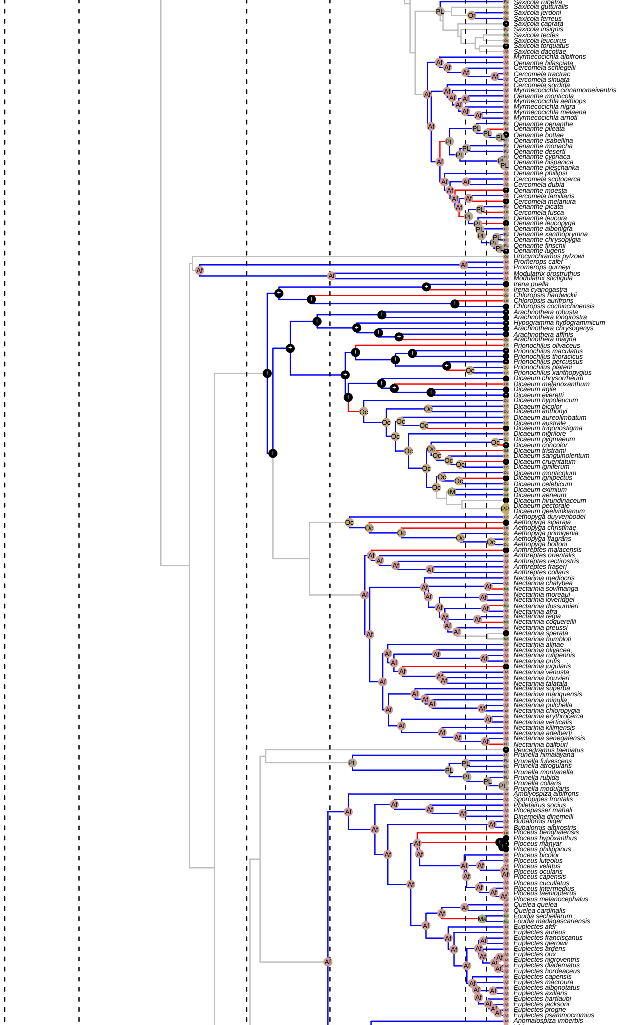
Monticola angolensis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Saxicola leucurus
Saxicola torquatus
Saxicola dacotiae
Myrmecocichla albifrons
Oenanthe bifasciata
Cercomela schlegelii
Cercomela tractrac
Cercomela sinuata
Cercomela sordida
Myrmecocichla cinnamomeiventris
Oenanthe monticola
Myrmecocichla aethiops
Myrmecocichla nigra
Myrmecocichla melaena
Myrmecocichla arnoti
Oenanthe oenanthe
Oenanthe pileata
Oenanthe bottae
Oenanthe isabellina
Oenanthe monacha
Oenanthe deserti
Oenanthe cypriaca
Oenanthe hispanica
Oenanthe pleschanka
Oenanthe phillipsi
Cercomela scotocerca
Cercomela dubia
Oenanthe moesta
Cercomela familiaris
Cercomela melanura
Oenanthe picata
Cercomela fusca
Oenanthe leucura
Oenanthe leucopyga
Oenanthe albonigra
Oenanthe xanthoprymna
Oenanthe chrysopygia
Oenanthe finschii
Oenanthe lugens
Urocynchramus pylzowi
Promerops cafer
Promerops gurneyi
Modulatrix orostruthus
Modulatrix stictigula
Irena puella
Irena cyanogastra
Chloropsis hardwickii
Chloropsis aurifrons
Chloropsis cochinchinensis
Arachnothera robusta
Arachnothera longirostra
Hypogramma hypogrammicum
Arachnothera chrysogenys
Arachnothera affinis
Arachnothera magna
Prionochilus olivaceus
Prionochilus maculatus
Prionochilus thoracicus
Prionochilus percussus
Prionochilus plateni
Prionochilus xanthopygius
Dicaeum chrysorrheum
Dicaeum melanoxanthum
Dicaeum agile
Dicaeum everetti
Dicaeum hypoleucum
Dicaeum bicolor
Dicaeum anthonyi
Dicaeum aureolimbatum
Dicaeum australe
Dicaeum trigonostigma
Dicaeum nigrilore
Dicaeum pygmaeum
Dicaeum concolor
Dicaeum tristrami
Dicaeum sanguinolentum
Dicaeum cruentatum
Dicaeum igniferum
Dicaeum monticolum
Dicaeum ignipectus
Dicaeum celebicum
Dicaeum eximium
Dicaeum aeneum
Dicaeum hirundinaceum
Dicaeum pectorale
Dicaeum geelvinkianum
Aethopyga duyvenbodei
Aethopyga siparaja
Aethopyga christinae
Aethopyga primigenia
Aethopyga flagrans
Aethopyga boltoni
Anthreptes malacensis
Anthreptes orientalis
Anthreptes rectirostris
Anthreptes fraseri
Anthreptes collaris
Nectarinia mediocris
Nectarinia chalybea
Nectarinia sovimanga
Nectarinia moreaui
Nectarinia loveridgei
Nectarinia dussumieri
Nectarinia afra
Nectarinia regia
Nectarinia coquerellii
Nectarinia preussi
Nectarinia sperata
Nectarinia humbloti
Nectarinia alinae
Nectarinia olivacea
Nectarinia rufipennis
Nectarinia oritis
Nectarinia jugularis
Nectarinia venusta
Nectarinia bouvieri
Nectarinia talatala
Nectarinia superba
Nectarinia mariquensis
Nectarinia minulla
Nectarinia pulchella
Nectarinia chloropygia
Nectarinia erythrocerca
Nectarinia verticalis
Nectarinia kilimensis
Nectarinia adelberti
Nectarinia senegalensis
Nectarinia balfouri
Peucedramus taeniatus
Prunella himalayana
Prunella fulvescens
Prunella atrogularis
Prunella montanella
Prunella rubida
Prunella collaris
Prunella modularis
Amblyospiza albifrons
Sporopipes frontalis
Philetairus socius
Plocepasser mahali
Dinemellia dinemelli
Bubalornis niger
Bubalornis albirostris
Ploceus benghalensis
Ploceus hypoxanthus
Ploceus manyar
Ploceus philippinus
Ploceus bicolor
Ploceus luteolus
Ploceus velatus
Ploceus ocularis
Ploceus capensis
Ploceus cucullatus
Ploceus intermedius
Ploceus taeniopterus
Ploceus melanocephalus
Quelea quelea
Quelea cardinalis
Foudia sechellarum
Foudia madagascariensis
Euplectes afer
Euplectes aureus
Euplectes franciscanus
Euplectes gierowii
Euplectes ardens
Euplectes orix
Euplectes nigroventris
Euplectes diadematus
Euplectes hordeaceus
Euplectes capensis
Euplectes macroura
Euplectes albonotatus
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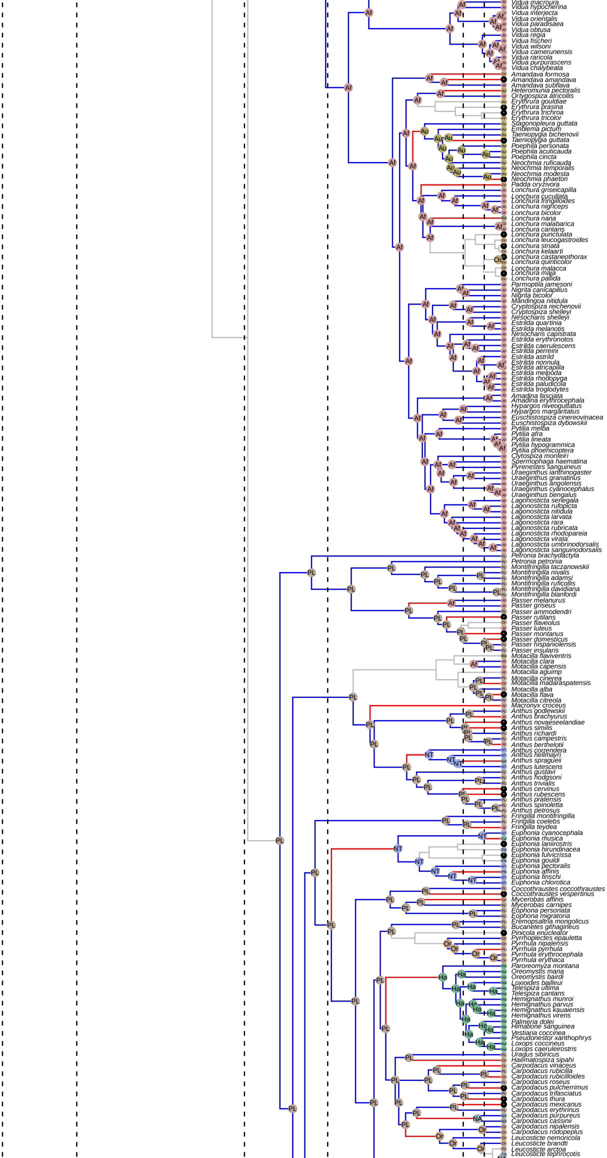
Anomalospiza imberbis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Vidua camerunensis
Vidua raricola
Vidua purpurascens
Vidua chalybeata
Amandava formosa
Amandava amandava
Amandava subflava
Heteromunia pectoralis
Ortygospiza atricollis
Erythrura gouldiae
Erythrura prasina
Erythrura trichroa
Erythrura tricolor
Stagonopleura guttata
Emblema pictum
Taeniopygia bichenovii
Taeniopygia guttata
Poephila personata
Poephila acuticauda
Poephila cincta
Neochmia ruficauda
Neochmia temporalis
Neochmia modesta
Neochmia phaeton
Padda oryzivora
Lonchura griseicapilla
Lonchura cucullata
Lonchura fringilloides
Lonchura nigriceps
Lonchura bicolor
Lonchura nana
Lonchura malabarica
Lonchura cantans
Lonchura punctulata
Lonchura leucogastroides
Lonchura striata
Lonchura kelaarti
Lonchura castaneothorax
Lonchura quinticolor
Lonchura malacca
Lonchura maja
Lonchura pallida
Parmoptila jamesoni
Nigrita canicapillus
Nigrita bicolor
Mandingoa nitidula
Cryptospiza reichenovii
Cryptospiza shelleyi
Nesocharis shelleyi
Estrilda quartinia
Estrilda melanotis
Nesocharis capistrata
Estrilda erythronotos
Estrilda caerulescens
Estrilda perreini
Estrilda astrild
Estrilda nonnula
Estrilda atricapilla
Estrilda melpoda
Estrilda rhodopyga
Estrilda paludicola
Estrilda troglodytes
Amadina fasciata
Amadina erythrocephala
Hypargos niveoguttatus
Hypargos margaritatus
Euschistospiza cinereovinacea
Euschistospiza dybowskii
Pytilia melba
Pytilia afra
Pytilia lineata
Pytilia hypogrammica
Pytilia phoenicoptera
Clytospiza monteiri
Spermophaga haematina
Pyrenestes sanguineus
Uraeginthus ianthinogaster
Uraeginthus granatinus
Uraeginthus angolensis
Uraeginthus cyanocephalus
Uraeginthus bengalus
Lagonosticta senegala
Lagonosticta rufopicta
Lagonosticta nitidula
Lagonosticta larvata
Lagonosticta rara
Lagonosticta rubricata
Lagonosticta rhodopareia
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Lagonosticta umbrinodorsalis
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Petronia brachydactyla
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Montifringilla taczanowskii
Montifringilla nivalis
Montifringilla adamsi
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Montifringilla davidiana
Montifringilla blanfordi
Passer melanurus
Passer griseus
Passer ammodendri
Passer rutilans
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Passer luteus
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Passer hispaniolensis
Passer insularis
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Motacilla clara
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Anthus brachyurus
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Anthus richardi
Anthus campestris
Anthus berthelotii
Anthus correndera
Anthus hellmayri
Anthus spraguei
Anthus lutescens
Anthus gustavi
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Anthus trivialis
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Anthus spinoletta
Anthus petrosus
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Fringilla coelebs
Fringilla teydea
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Euphonia musica
Euphonia laniirostris
Euphonia hirundinacea
Euphonia fulvicrissa
Euphonia gouldi
Euphonia pectoralis
Euphonia affinis
Euphonia finschi
Euphonia chlorotica
Coccothraustes coccothraustes
Coccothraustes vespertinus
Mycerobas affinis
Mycerobas carnipes
Eophona personata
Eophona migratoria
Eremopsaltria mongolicus
Bucanetes githagineus
Pinicola enucleator
Pyrrhoplectes epauletta
Pyrrhula nipalensis
Pyrrhula pyrrhula
Pyrrhula erythrocephala
Pyrrhula erythaca
Paroreomyza montana
Oreomystis mana
Oreomystis bairdi
Loxioides bailleui
Telespiza ultima
Telespiza cantans
Hemignathus munroi
Hemignathus parvus
Hemignathus kauaiensis
Hemignathus virens
Palmeria dolei
Himatione sanguinea
Vestiaria coccinea
Pseudonestor xanthophrys
Loxops coccineus
Loxops caeruleirostris
Uragus sibiricus
Haematospiza sipahi
Carpodacus vinaceus
Carpodacus rubicilla
Carpodacus rubicilloides
Carpodacus roseus
Carpodacus pulcherrimus
Carpodacus trifasciatus
Carpodacus thura
Carpodacus mexicanus
Carpodacus erythrinus
Carpodacus purpureus
Carpodacus cassinii
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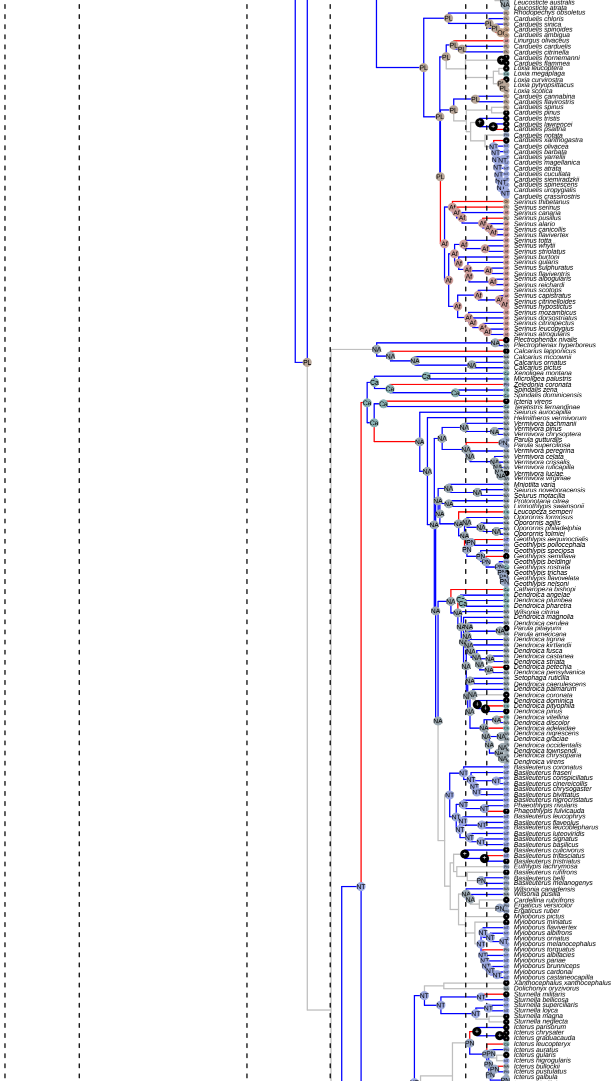
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Carduelis carduelis
Carduelis citrinella
Carduelis hornemanni
Carduelis flammea
Loxia leucoptera
Loxia megaplaga
Loxia curvirostra
Loxia pytyopsittacus
Loxia scotica
Carduelis cannabina
Carduelis flavirostris
Carduelis spinus
Carduelis pinus
Carduelis tristis
Carduelis lawrencei
Carduelis psaltria
Carduelis notata
Carduelis xanthogastra
Carduelis olivacea
Carduelis barbata
Carduelis yarrellii
Carduelis magellanica
Carduelis atrata
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Carduelis spinescens
Carduelis uropygialis
Carduelis crassirostris
Serinus thibetanus
Serinus serinus
Serinus canaria
Serinus pusillus
Serinus alario
Serinus canicollis
Serinus flavivertex
Serinus totta
Serinus whytii
Serinus striolatus
Serinus burtoni
Serinus gularis
Serinus sulphuratus
Serinus flaviventris
Serinus albogularis
Serinus reichardi
Serinus scotops
Serinus capistratus
Serinus citrinelloides
Serinus hypostictus
Serinus mozambicus
Serinus dorsostriatus
Serinus citrinipectus
Serinus leucopygius
Serinus atrogularis
Plectrophenax nivalis
Plectrophenax hyperboreus
Calcarius lapponicus
Calcarius mccownii
Calcarius ornatus
Calcarius pictus
Xenoligea montana
Microligea palustris
Zeledonia coronata
Spindalis zena
Spindalis dominicensis
Icteria virens
Teretistris fernandinae
Seiurus aurocapilla
Helmitheros vermivorum
Vermivora bachmanii
Vermivora pinus
Vermivora chrysoptera
Parula gutturalis
Parula superciliosa
Vermivora peregrina
Vermivora celata
Vermivora crissalis
Vermivora ruficapilla
Vermivora luciae
Vermivora virginiae
Mniotilta varia
Seiurus noveboracensis
Seiurus motacilla
Protonotaria citrea
Limnothlypis swainsonii
Leucopeza semperi
Oporornis formosus
Oporornis agilis
Oporornis philadelphia
Oporornis tolmiei
Geothlypis aequinoctialis
Geothlypis poliocephala
Geothlypis speciosa
Geothlypis semiflava
Geothlypis beldingi
Geothlypis rostrata
Geothlypis trichas
Geothlypis flavovelata
Geothlypis nelsoni
Catharopeza bishopi
Dendroica angelae
Dendroica plumbea
Dendroica pharetra
Wilsonia citrina
Dendroica magnolia
Dendroica cerulea
Parula pitiayumi
Parula americana
Dendroica tigrina
Dendroica kirtlandii
Dendroica fusca
Dendroica castanea
Dendroica striata
Dendroica petechia
Dendroica pensylvanica
Setophaga ruticilla
Dendroica caerulescens
Dendroica palmarum
Dendroica coronata
Dendroica dominica
Dendroica pityophila
Dendroica pinus
Dendroica vitellina
Dendroica discolor
Dendroica adelaidae
Dendroica nigrescens
Dendroica graciae
Dendroica occidentalis
Dendroica townsendi
Dendroica chrysoparia
Dendroica virens
Basileuterus coronatus
Basileuterus fraseri
Basileuterus conspicillatus
Basileuterus cinereicollis
Basileuterus chrysogaster
Basileuterus bivittatus
Basileuterus nigrocristatus
Phaeothlypis rivularis
Phaeothlypis fulvicauda
Basileuterus leucophrys
Basileuterus flaveolus
Basileuterus leucoblepharus
Basileuterus luteoviridis
Basileuterus signatus
Basileuterus basilicus
Basileuterus culicivorus
Basileuterus trifasciatus
Basileuterus tristriatus
Euthlypis lachrymosa
Basileuterus rufifrons
Basileuterus belli
Basileuterus melanogenys
Wilsonia canadensis
Wilsonia pusilla
Cardellina rubrifrons
Ergaticus versicolor
Ergaticus ruber
Myioborus pictus
Myioborus miniatus
Myioborus flavivertex
Myioborus albifrons
Myioborus ornatus
Myioborus melanocephalus
Myioborus torquatus
Myioborus albifacies
Myioborus pariae
Myioborus brunniceps
Myioborus cardonai
Myioborus castaneocapilla
Xanthocephalus xanthocephalus
Dolichonyx oryzivorus
Sturnella militaris
Sturnella bellicosa
Sturnella superciliaris
Sturnella loyca
Sturnella magna
Sturnella neglecta
Icterus parisorum
Icterus chrysater
Icterus graduacauda
Icterus leucopteryx
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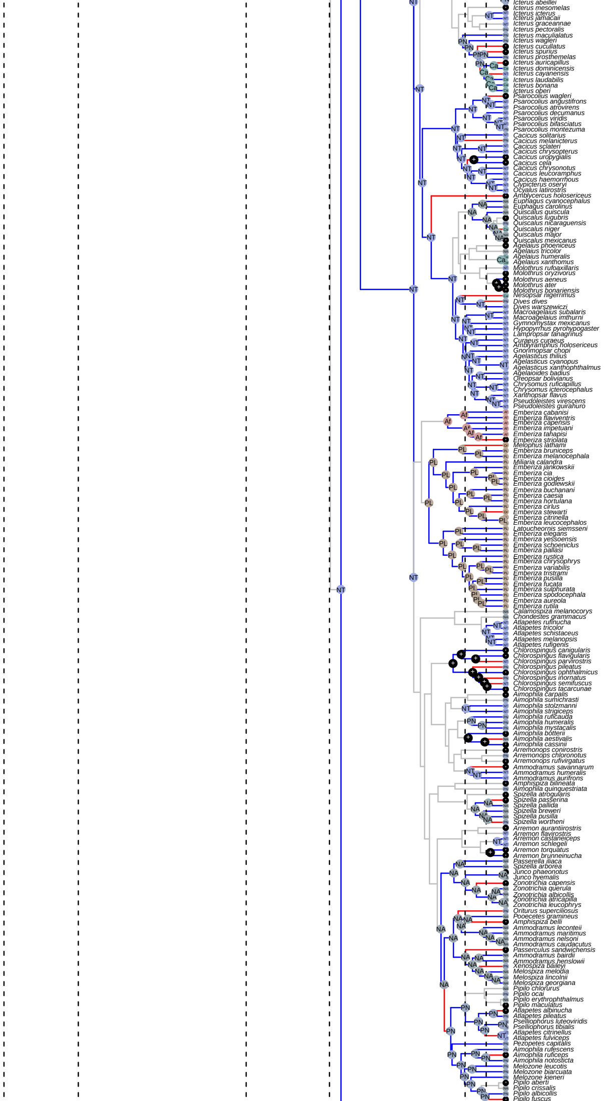
Icterus bullockii
Icterus pustulatus
Icterus galbula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Icterus wagleri
Icterus cucullatus
Icterus spurius
Icterus prosthemelas
Icterus auricapillus
Icterus dominicensis
Icterus cayanensis
Icterus laudabilis
Icterus bonana
Icterus oberi
Psarocolius wagleri
Psarocolius angustifrons
Psarocolius atrovirens
Psarocolius decumanus
Psarocolius viridis
Psarocolius bifasciatus
Psarocolius montezuma
Cacicus solitarius
Cacicus melanicterus
Cacicus sclateri
Cacicus chrysopterus
Cacicus uropygialis
Cacicus cela
Cacicus chrysonotus
Cacicus leucoramphus
Cacicus haemorrhous
Clypicterus oseryi
Ocyalus latirostris
Amblycercus holosericeus
Euphagus cyanocephalus
Euphagus carolinus
Quiscalus quiscula
Quiscalus lugubris
Quiscalus nicaraguensis
Quiscalus niger
Quiscalus major
Quiscalus mexicanus
Agelaius phoeniceus
Agelaius tricolor
Agelaius humeralis
Agelaius xanthomus
Molothrus rufoaxillaris
Molothrus oryzivorus
Molothrus aeneus
Molothrus ater
Molothrus bonariensis
Nesopsar nigerrimus
Dives dives
Dives warszewiczi
Macroagelaius subalaris
Macroagelaius imthurni
Gymnomystax mexicanus
Hypopyrrhus pyrohypogaster
Lampropsar tanagrinus
Curaeus curaeus
Amblyramphus holosericeus
Gnorimopsar chopi
Agelasticus thilius
Agelasticus cyanopus
Agelasticus xanthophthalmus
Agelaioides badius
Oreopsar bolivianus
Chrysomus ruficapillus
Chrysomus icterocephalus
Xanthopsar flavus
Pseudoleistes virescens
Pseudoleistes guirahuro
Emberiza cabanisi
Emberiza flaviventris
Emberiza capensis
Emberiza impetuani
Emberiza tahapisi
Emberiza striolata
Melophus lathami
Emberiza bruniceps
Emberiza melanocephala
Miliaria calandra
Emberiza jankowskii
Emberiza cia
Emberiza cioides
Emberiza godlewskii
Emberiza buchanani
Emberiza caesia
Emberiza hortulana
Emberiza cirlus
Emberiza stewarti
Emberiza citrinella
Emberiza leucocephalos
Latoucheornis siemsseni
Emberiza elegans
Emberiza yessoensis
Emberiza schoeniclus
Emberiza pallasi
Emberiza rustica
Emberiza chrysophrys
Emberiza variabilis
Emberiza tristrami
Emberiza pusilla
Emberiza fucata
Emberiza sulphurata
Emberiza spodocephala
Emberiza aureola
Emberiza rutila
Calamospiza melanocorys
Chondestes grammacus
Atlapetes rufinucha
Atlapetes tricolor
Atlapetes schistaceus
Atlapetes melanopsis
Atlapetes rufigenis
Chlorospingus canigularis
Chlorospingus flavigularis
Chlorospingus parvirostris
Chlorospingus pileatus
Chlorospingus ophthalmicus
Chlorospingus inornatus
Chlorospingus semifuscus
Chlorospingus tacarcunae
Aimophila carpalis
Aimophila sumichrasti
Aimophila stolzmanni
Aimophila strigiceps
Aimophila ruficauda
Aimophila humeralis
Aimophila mystacalis
Aimophila botterii
Aimophila aestivalis
Aimophila cassinii
Arremonops conirostris
Arremonops chloronotus
Arremonops rufivirgatus
Ammodramus savannarum
Ammodramus humeralis
Ammodramus aurifrons
Amphispiza bilineata
Aimophila quinquestriata
Spizella atrogularis
Spizella passerina
Spizella pallida
Spizella breweri
Spizella pusilla
Spizella wortheni
Arremon aurantiirostris
Arremon flavirostris
Arremon castaneiceps
Arremon schlegeli
Arremon torquatus
Arremon brunneinucha
Passerella iliaca
Spizella arborea
Junco phaeonotus
Junco hyemalis
Zonotrichia capensis
Zonotrichia querula
Zonotrichia albicollis
Zonotrichia atricapilla
Zonotrichia leucophrys
Oriturus superciliosus
Pooecetes gramineus
Amphispiza belli
Ammodramus leconteii
Ammodramus maritimus
Ammodramus nelsoni
Ammodramus caudacutus
Passerculus sandwichensis
Ammodramus bairdii
Ammodramus henslowii
Xenospiza baileyi
Melospiza melodia
Melospiza lincolnii
Melospiza georgiana
Pipilo chlorurus
Pipilo ocai
Pipilo erythrophthalmus
Pipilo maculatus
Atlapetes albinucha
Atlapetes pileatus
Pselliophorus luteoviridis
Pselliophorus tibialis
Atlapetes citrinellus
Atlapetes fulviceps
Pezopetes capitalis
Aimophila rufescens
Aimophila ruficeps
Aimophila notosticta
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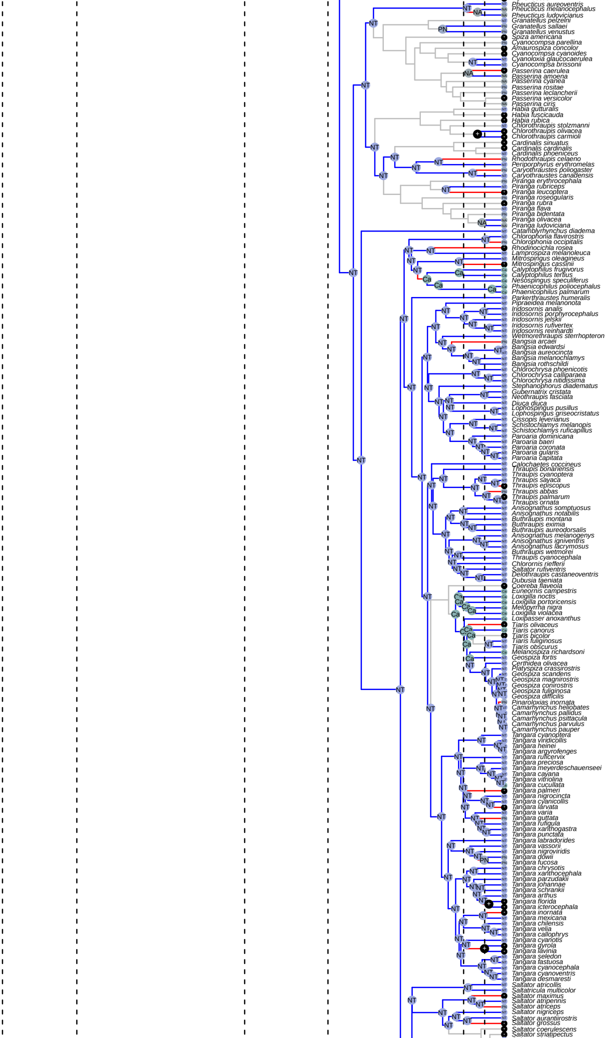
Melozone biarcuata
Melozone kieneri
Pipilo aberti
Pipilo crissalis
Pipilo albicollis
Pipilo fuscus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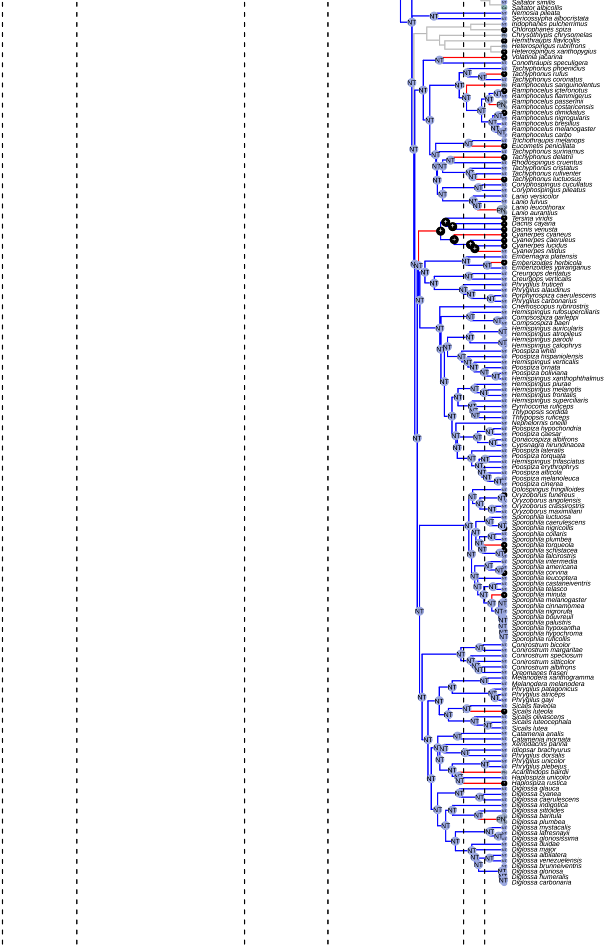
Pheucticus melanocephalus
Pheucticus ludovicianus
Granatellus pelzelni
Granatellus sallaei
Granatellus venustus
Spiza americana
Cyanocompsa parellina
Amaurospiza concolor
Cyanocompsa cyanoides
Cyanoloxia glaucocaerulea
Cyanocompsa brissonii
Passerina caerulea
Passerina amoena
Passerina cyanea
Passerina rositae
Passerina leclancherii
Passerina versicolor
Passerina ciris
Habia gutturalis
Habia fuscicauda
Habia rubica
Chlorothraupis stolzmanni
Chlorothraupis olivacea
Chlorothraupis carmioli
Cardinalis sinuatus
Cardinalis cardinalis
Cardinalis phoeniceus
Rhodothraupis celaeno
Periporphyrus erythromelas
Caryothraustes poliogaster
Caryothraustes canadensis
Piranga erythrocephala
Piranga rubriceps
Piranga leucoptera
Piranga roseogularis
Piranga rubra
Piranga flava
Piranga bidentata
Piranga olivacea
Piranga ludoviciana
Catamblyrhynchus diadema
Chlorophonia flavirostris
Chlorophonia occipitalis
Rhodinocichla rosea
Lamprospiza melanoleuca
Mitrospingus oleagineus
Mitrospingus cassinii
Calyptophilus frugivorus
Calyptophilus tertius
Nesospingus speculiferus
Phaenicophilus poliocephalus
Phaenicophilus palmarum
Parkerthraustes humeralis
Pipraeidea melanonota
Iridosornis analis
Iridosornis porphyrocephalus
Iridosornis jelskii
Iridosornis rufivertex
Iridosornis reinhardti
Wetmorethraupis sterrhopteron
Bangsia arcaei
Bangsia edwardsi
Bangsia aureocincta
Bangsia melanochlamys
Bangsia rothschildi
Chlorochrysa phoenicotis
Chlorochrysa calliparaea
Chlorochrysa nitidissima
Stephanophorus diadematus
Gubernatrix cristata
Neothraupis fasciata
Diuca diuca
Lophospingus pusillus
Lophospingus griseocristatus
Cissopis leverianus
Schistochlamys melanopis
Schistochlamys ruficapillus
Paroaria dominicana
Paroaria baeri
Paroaria coronata
Paroaria gularis
Paroaria capitata
Calochaetes coccineus
Thraupis bonariensis
Thraupis cyanoptera
Thraupis sayaca
Thraupis episcopus
Thraupis abbas
Thraupis palmarum
Thraupis ornata
Anisognathus somptuosus
Anisognathus notabilis
Buthraupis montana
Buthraupis eximia
Buthraupis aureodorsalis
Anisognathus melanogenys
Anisognathus igniventris
Anisognathus lacrymosus
Buthraupis wetmorei
Thraupis cyanocephala
Chlorornis riefferii
Saltator rufiventris
Delothraupis castaneoventris
Dubusia taeniata
Coereba flaveola
Euneornis campestris
Loxigilla noctis
Loxigilla portoricensis
Melopyrrha nigra
Loxigilla violacea
Loxipasser anoxanthus
Tiaris olivaceus
Tiaris canorus
Tiaris bicolor
Tiaris fuliginosus
Tiaris obscurus
Melanospiza richardsoni
Geospiza fortis
Certhidea olivacea
Platyspiza crassirostris
Geospiza scandens
Geospiza magnirostris
Geospiza conirostris
Geospiza fuliginosa
Geospiza difficilis
Pinaroloxias inornata
Camarhynchus heliobates
Camarhynchus pallidus
Camarhynchus psittacula
Camarhynchus parvulus
Camarhynchus pauper
Tangara cyanoptera
Tangara viridicollis
Tangara heinei
Tangara argyrofenges
Tangara ruficervix
Tangara preciosa
Tangara meyerdeschauenseei
Tangara cayana
Tangara vitriolina
Tangara cucullata
Tangara palmeri
Tangara nigrocincta
Tangara cyanicollis
Tangara larvata
Tangara varia
Tangara guttata
Tangara rufigula
Tangara xanthogastra
Tangara punctata
Tangara labradorides
Tangara vassorii
Tangara nigroviridis
Tangara dowii
Tangara fucosa
Tangara chrysotis
Tangara xanthocephala
Tangara parzudakii
Tangara johannae
Tangara schrankii
Tangara arthus
Tangara florida
Tangara icterocephala
Tangara inornata
Tangara mexicana
Tangara chilensis
Tangara velia
Tangara callophrys
Tangara cyanotis
Tangara gyrola
Tangara lavinia
Tangara seledon
Tangara fastuosa
Tangara cyanocephala
Tangara cyanoventris
Tangara desmaresti
Saltator atricollis
Saltatricula multicolor
Saltator maximus
Saltator atripennis
Saltator atriceps
Saltator nigriceps
Saltator aurantiirostris
Saltator grossus
Saltator coerulescens
Saltator striatipectus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Saltator albicollis
Nemosia pileata
Sericossypha albocristata
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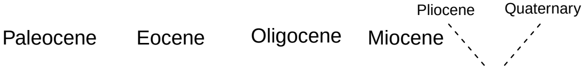
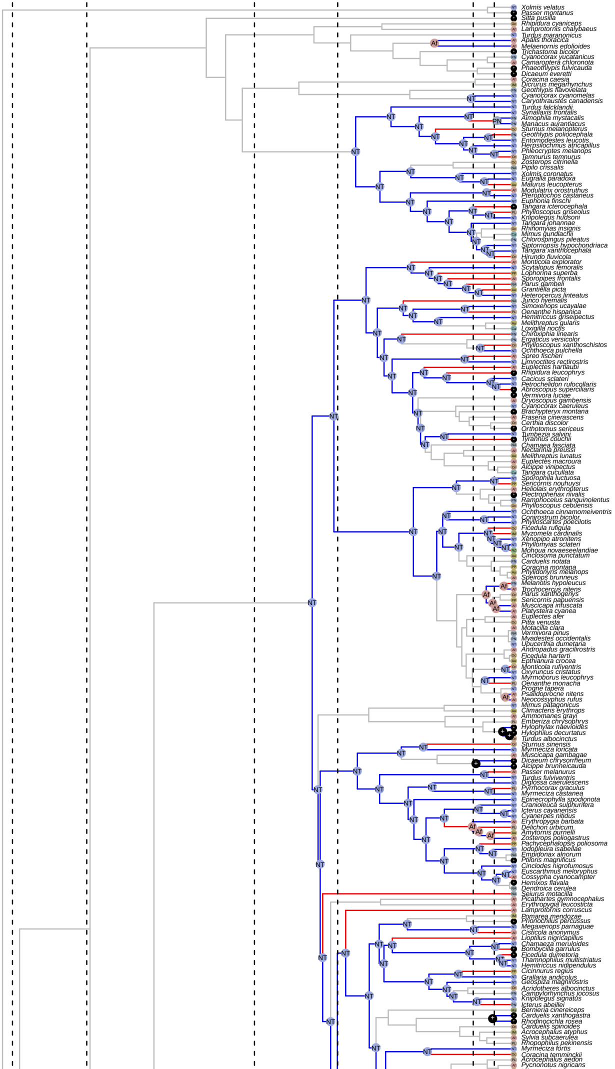
Chlorophanes spiza
Chrysothlypis chrysomelas
Hemithraupis flavicollis
Heterospingus rubrifrons
Heterospingus xanthopygius
Volatinia jacarina
Conothraupis speculigera
Tachyphonus phoenicius
Tachyphonus rufus
Tachyphonus coronatus
Ramphocelus sanguinolentus
Ramphocelus icteronotus
Ramphocelus flammigerus
Ramphocelus passerinii
Ramphocelus costaricensis
Ramphocelus dimidiatus
Ramphocelus nigrogularis
Ramphocelus bresilius
Ramphocelus melanogaster
Ramphocelus carbo
Trichothraupis melanops
Eucometis penicillata
Tachyphonus surinamus
Tachyphonus delatrii
Rhodospingus cruentus
Tachyphonus cristatus
Tachyphonus rufiventer
Tachyphonus luctuosus
Coryphospingus cucullatus
Coryphospingus pileatus
Lanio versicolor
Lanio fulvus
Lanio leucothorax
Lanio aurantius
Tersina viridis
Dacnis cayana
Dacnis venusta
Cyanerpes cyaneus
Cyanerpes caeruleus
Cyanerpes lucidus
Cyanerpes nitidus
Embernagra platensis
Emberizoides herbicola
Emberizoides ypiranganus
Creurgops dentatus
Creurgops verticalis
Phrygilus fruticeti
Phrygilus alaudinus
Porphyrospiza caerulescens
Phrygilus carbonarius
Cnemoscopus rubrirostris
Hemispingus rufosuperciliaris
Compsospiza garleppi
Compsospiza baeri
Hemispingus auricularis
Hemispingus atropileus
Hemispingus parodii
Hemispingus calophrys
Poospiza whitii
Poospiza hispaniolensis
Hemispingus verticalis
Poospiza ornata
Poospiza boliviana
Hemispingus xanthophthalmus
Hemispingus piurae
Hemispingus melanotis
Hemispingus frontalis
Hemispingus superciliaris
Pyrrhocoma ruficeps
Thlypopsis sordida
Thlypopsis ruficeps
Nephelornis oneilli
Poospiza hypochondria
Poospiza caesar
Donacospiza albifrons
Cypsnagra hirundinacea
Poospiza lateralis
Poospiza torquata
Hemispingus trifasciatus
Poospiza erythrophrys
Poospiza alticola
Poospiza melanoleuca
Poospiza cinerea
Dolospingus fringilloides
Oryzoborus funereus
Oryzoborus angolensis
Oryzoborus crassirostris
Oryzoborus maximiliani
Sporophila luctuosa
Sporophila caerulescens
Sporophila nigricollis
Sporophila collaris
Sporophila plumbea
Sporophila torqueola
Sporophila schistacea
Sporophila falcirostris
Sporophila intermedia
Sporophila americana
Sporophila corvina
Sporophila leucoptera
Sporophila castaneiventris
Sporophila telasco
Sporophila minuta
Sporophila melanogaster
Sporophila cinnamomea
Sporophila nigrorufa
Sporophila bouvreuil
Sporophila palustris
Sporophila hypoxantha
Sporophila hypochroma
Sporophila ruficollis
Conirostrum bicolor
Conirostrum margaritae
Conirostrum speciosum
Conirostrum sitticolor
Conirostrum albifrons
Oreomanes fraseri
Melanodera xanthogramma
Melanodera melanodera
Phrygilus patagonicus
Phrygilus atriceps
Phrygilus gayi
Sicalis flaveola
Sicalis luteola
Sicalis olivascens
Sicalis luteocephala
Sicalis lutea
Catamenia analis
Catamenia inornata
Xenodacnis parina
Idiopsar brachyurus
Phrygilus dorsalis
Phrygilus unicolor
Phrygilus plebejus
Acanthidops bairdii
Haplospiza unicolor
Haplospiza rustica
Diglossa glauca
Diglossa cyanea
Diglossa caerulescens
Diglossa indigotica
Diglossa sittoides
Diglossa baritula
Diglossa plumbea
Diglossa mystacalis
Diglossa lafresnayii
Diglossa gloriosissima
Diglossa duidae
Diglossa major
Diglossa albilatera
Diglossa venezuelensis
Diglossa brunneiventris
Diglossa gloriosa
Diglossa humeralis
Diglossa carbonaria
NT
PN
Ca
+

Supplementary Figure 2 Ancestral areas of data-only passerine bird tree

Tree depicting the data-only consensus tree[12] with the ancestral areas depicted for each node according to the 75% threshold. Blue lineages represent *in situ* speciation events, red lineages represent dispersal events and grey lineages are omitted from the analysis because a given area cannot be assigned with more than 75% probability.


Paleocene
Eocene
Oligocene
Miocene
Pliocene
Quaternary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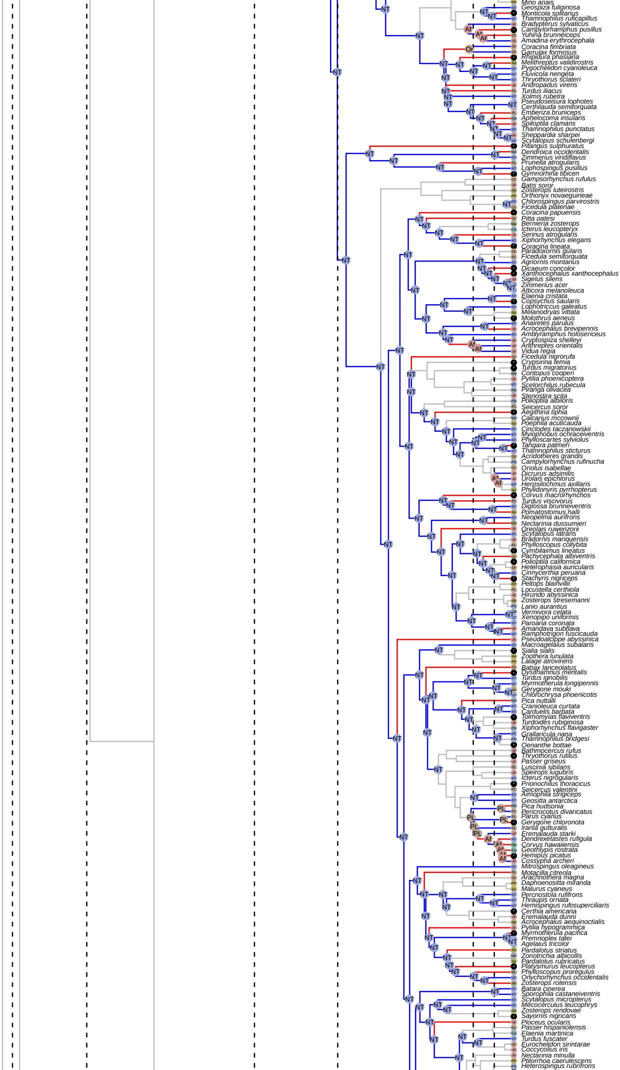
Passer montanus
Sitta pusilla
Rhipidura cyaniceps
Lamprotornis chalybaeus
Turdus maranonicus
Apalis thoracica
Melaenornis edolioides
Trichastoma bicolor
Cyanocorax yucatanicus
Camaroptera chloronota
Phaeothlypis fulvicauda
Dicaeum everetti
Coracina caesia
Dicrurus megarhynchus
Geothlypis flavovelata
Cyanocorax cyanomelas
Caryothraustes canadensis
Turdus falcklandii
Synallaxis frontalis
Aimophila mystacalis
Manacus aurantiacus
Sturnus melanopterus
Geothlypis poliocephala
Entomodestes leucotis
Herpsilochmus atricapillus
Phleocryptes melanops
Temnurus temnurus
Zosterops citrinella
Pipilo crissalis
Xolmis coronatus
Eugralla paradoxa
Malurus leucopterus
Modulatrix orostruthus
Pteroptochos castaneus
Euphonia finschi
Tangara icterocephala
Phylloscopus griseolus
Knipolegus hudsoni
Tangara johannae
Rhinomyias insignis
Mimus gundlachii
Chlorospingus pileatus
Siptornopsis hypochondriaca
Tangara xanthocephala
Hirundo fluvicola
Monticola explorator
Scytalopus femoralis
Lophorina superba
Sporopipes frontalis
Parus gambeli
Grantiella picta
Heterocercus linteatus
Junco hyemalis
Simoxenops ucayalae
Oenanthe hispanica
Hemitriccus griseipectus
Melithreptus gularis
Loxigilla noctis
Chiroxiphia linearis
Ergaticus versicolor
Phylloscopus xanthoschistos
Ochthoeca pulchella
Spreo fischeri
Limnoctites rectirostris
Euplectes hartlaubi
Rhipidura leucophrys
Cacicus sclateri
Petrochelidon rufocollaris
Abroscopus superciliaris
Vermivora luciae
Dryoscopus gambensis
Cyanocorax caeruleus
Brachypteryx montana
Fraseria cinerascens
Certhia discolor
Orthotomus sericeus
Tumbezia salvini
Tyrannus couchii
Chamaea fasciata
Nectarinia preussi
Melithreptus lunatus
Euplectes macroura
Alcippe vinipectus
Tangara cucullata
Sporophila luctuosa
Sericornis nouhuysi
Heliolais erythropterus
Plectrophenax nivalis
Ramphocelus sanguinolentus
Phylloscopus cebuensis
Ochthoeca cinnamomeiventris
Conirostrum bicolor
Phylloscartes poecilotis
Ficedula rufigula
Myzomela cardinalis
Xenopipo atronitens
Phyllomyias sclateri
Mohoua novaeseelandiae
Cinclosoma punctatum
Carduelis notata
Coracina montana
Phylidonyris melanops
Speirops brunneus
Melanotis hypoleucus
Trochocercus nitens
Parus xanthogenys
Sericornis papuensis
Muscicapa infuscata
Platysteira cyanea
Euplectes afer
Pitta venusta
Motacilla clara
Vermivora pinus
Myadestes occidentalis
Upucerthia dumetaria
Andropadus gracilirostris
Ficedula harterti
Epthianura crocea
Monticola rufiventris
Oxyruncus cristatus
Myrmoborus leucophrys
Oenanthe monacha
Progne tapera
Psalidoprocne nitens
Neocossyphus rufus
Mimus patagonicus
Climacteris erythrops
Ammomanes grayi
Emberiza chrysophrys
Hylophylax naevioides
Hylophilus decurtatus
Turdus albocinctus
Sturnus sinensis
Myrmeciza loricata
Muscicapa gambagae
Dicaeum chrysorrheum
Alcippe brunneicauda
Passer melanurus
Turdus fulviventris
Diglossa caerulescens
Pyrrhocorax graculus
Myrmeciza castanea
Epinecrophylla spodionota
Cranioleuca sulphurifera
Icterus cayanensis
Cyanerpes nitidus
Erythropygia barbata
Delichon urbicum
Amytornis purnelli
Zosterops poliogastrus
Pachycephalopsis poliosoma
Iodopleura isabellae
Empidonax alnorum
Ptiloris magnificus
Cinclodes nigrofumosus
Euscarthmus meloryphus
Cossypha cyanocampter
Hemixos flavala
Dendroica cerulea
Seiurus motacilla
Picathartes gymnocephalus
Erythropygia leucosticta
Lamprotornis corruscus
Pomarea mendozae
Prionochilus percussus
Megaxenops parnaguae
Cisticola anonymus
Lioptilus nigricapillus
Chamaeza meruloides
Bombycilla garrulus
Ficedula dumetoria
Thamnophilus multistriatus
Hemitriccus nidipendulus
Cicinnurus regius
Grallaria andicolus
Geospiza magnirostris
Acridotheres albocinctus
Campylorhynchus jocosus
Knipolegus signatus
Icterus abeillei
Bernieria cinereiceps
Carduelis xanthogastra
Rhodinocichla rosea
Carduelis spinoides
Acrocephalus atyphus
Sylvia subcaerulea
Rhopophilus pekinensis
Myrmeciza fortis
Coracina temminckii
Acrocephalus aedon
Pycnonotus nigricans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Bradypterus sylvaticus
Campylorhamphus pusillus
Yuhina brunneiceps
Amadina erythrocephala
Coracina fimbriata
Garrulax formosus
Rhipidura phasiana
Melithreptus validirostris
Pygochelidon cyanoleuca
Fluvicola nengeta
Thryothorus sclateri
Andropadus virens
Turdus iliacus
Xolmis rubetra
Pseudoseisura lophotes
Certhilauda semitorquata
Emberiza bruniceps
Aphelocoma insularis
Spiloptila clamans
Thamnophilus punctatus
Sheppardia sharpei
Scytalopus schulenbergi
Pitangus sulphuratus
Dendroica occidentalis
Zimmerius viridiflavus
Prunella atrogularis
Lophospingus pusillus
Gymnorhina tibicen
Gampsorhynchus rufulus
Batis soror
Zosterops luteirostris
Orthonyx novaeguineae
Chlorospingus parvirostris
Ficedula platenae
Coracina papuensis
Pitta oatesi
Bernieria zosterops
Icterus leucopteryx
Serinus atrogularis
Xiphorhynchus elegans
Coracina lineata
Paradoxornis gularis
Ficedula semitorquata
Agriornis montanus
Dicaeum concolor
Xanthocephalus xanthocephalus
Sigelus silens
Zimmerius acer
Atticora melanoleuca
Elaenia cristata
Copsychus saularis
Lophotriccus galeatus
Melanodryas vittata
Molothrus aeneus
Anairetes parulus
Acrocephalus brevipennis
Amblyramphus holosericeus
Cryptospiza shelleyi
Anthreptes orientalis
Vidua regia
Ficedula nigrorufa
Crypsirina temia
Turdus migratorius
Contopus cooperi
Pytilia phoenicoptera
Scelorchilus rubecula
Piranga olivacea
Stenostira scita
Polioptila albiloris
Seicercus soror
Aegithina tiphia
Calcarius mccownii
Poephila acuticauda
Cinclodes taczanowskii
Myiophobus ochraceiventris
Phylloscartes sylviolus
Tangara palmeri
Thamnophilus sticturus
Acridotheres grandis
Campylorhynchus rufinucha
Oriolus isabellae
Dicrurus adsimilis
Urolais epichlorus
Herpsilochmus axillaris
Phylidonyris pyrrhopterus
Corvus macrorhynchos
Turdus viscivorus
Diglossa brunneiventris
Pomatostomus halli
Neopelma aurifrons
Nectarinia dussumieri
Oreolais ruwenzorii
Scytalopus latrans
Bradornis mariquensis
Phylloscopus collybita
Cymbilaimus lineatus
Pachycephala albiventris
Polioptila californica
Heterophasia auricularis
Cinnycerthia peruana
Stachyris nigriceps
Peltops blainvillii
Locustella certhiola
Hirundo abyssinica
Zosterops stresemanni
Lanio aurantius
Vermivora celata
Xenopipo uniformis
Paroaria coronata
Amandava subflava
Ramphotrigon fuscicauda
Pseudoalcippe abyssinica
Macroagelaius subalaris
Sialia sialis
Zoothera lunulata
Lalage atrovirens
Babax lanceolatus
Dysithamnus mentalis
Turdus ignobilis
Myrmotherula longipennis
Gerygone mouki
Chlorochrysa phoenicotis
Pica nuttalli
Cranioleuca curtata
Carduelis barbata
Tolmomyias flaviventris
Turdoides rubiginosa
Xiphorhynchus flavigaster
Grallaricula nana
Thamnophilus bridgesi
Oenanthe bottae
Bathmocercus rufus
Thryothorus rutilus
Passer griseus
Luscinia sibilans
Speirops lugubris
Icterus nigrogularis
Prionochilus thoracicus
Seicercus valentini
Aimophila strigiceps
Geositta antarctica
Pica hudsonia
Pericrocotus divaricatus
Parus cyanus
Gerygone chloronota
Irania gutturalis
Eremalauda starki
Dendrexetastes rufigula
Corvus hawaiiensis
Geothlypis rostrata
Hemipus picatus
Cossypha archeri
Mitrospingus oleagineus
Motacilla citreola
Arachnothera magna
Daphoenositta miranda
Malurus cyaneus
Percnostola rufifrons
Thraupis ornata
Hemispingus rufosuperciliaris
Certhia americana
Eremalauda dunni
Acrocephalus aequinoctialis
Pytilia hypogrammica
Myrmotherula pacifica
Premnoplex tatei
Agelaius tricolor
Pardalotus striatus
Zonotrichia albicollis
Pardalotus rubricatus
Platysmurus leucopterus
Phylloscopus proregulus
Onychorhynchus occidentalis
Zosterops rotensis
Batara cinerea
Sporophila castaneiventris
Scytalopus micropterus
Mecocerculus leucophrys
Zosterops rendovae
Sayornis nigricans
Ploceus ocularis
Passer hispaniolensis
Elaenia martinica
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Coccycolius iris
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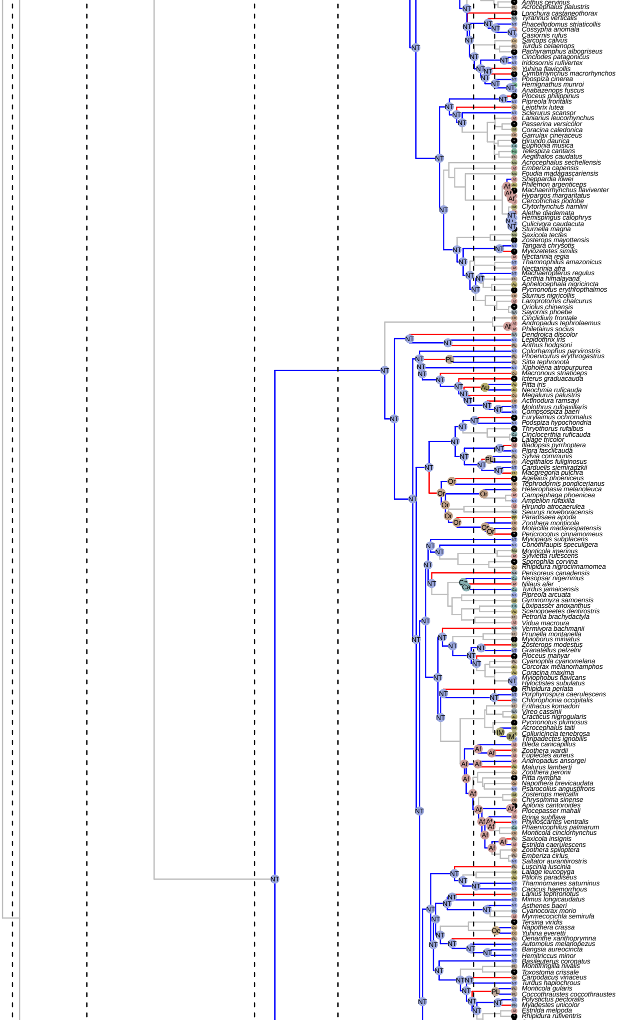
Ptilorrhoa caerulescens
Heterospingus rubrifrons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Turdus celaenops
Pachyramphus albogriseus
Cinclodes patagonicus
Iridosornis rufivertex
Yuhina flavicollis
Cymbirhynchus macrorhynchos
Poospiza cinerea
Hemignathus munroi
Anabazenops fuscus
Ploceus philippinus
Pipreola frontalis
Leiothrix lutea
Sclerurus scansor
Laniarius leucorhynchus
Passerina versicolor
Coracina caledonica
Garrulax cineraceus
Hirundo daurica
Euphonia musica
Telespiza cantans
Aegithalos caudatus
Acrocephalus sechellensis
Emberiza capensis
Foudia madagascariensis
Sheppardia lowei
Philemon argenticeps
Machaerirhynchus flaviventer
Hypargos margaritatus
Cercotrichas podobe
Clytorhynchus hamlini
Alethe diademata
Hemispingus calophrys
Culicivora caudacuta
Sturnella magna
Saxicola tectes
Zosterops mayottensis
Tangara chrysotis
Myiozetetes similis
Nectarinia regia
Thamnophilus amazonicus
Nectarinia afra
Machaeropterus regulus
Certhia himalayana
Aphelocephala nigricincta
Pycnonotus erythropthalmos
Sturnus nigricollis
Lamprotornis chalcurus
Oriolus chinensis
Sayornis phoebe
Cinclidium frontale
Andropadus tephrolaemus
Philetairus socius
Dendroica discolor
Lepidothrix iris
Anthus hodgsoni
Colorhamphus parvirostris
Phoenicurus erythrogastrus
Sitta tephronota
Xipholena atropurpurea
Macronous striaticeps
Icterus graduacauda
Pitta iris
Neochmia ruficauda
Megalurus palustris
Actinodura ramsayi
Molothrus rufoaxillaris
Compsospiza baeri
Eurylaimus ochromalus
Poospiza hypochondria
Thryothorus rufalbus
Cinclocerthia ruficauda
Lalage tricolor
Illadopsis pyrrhoptera
Pipra fasciicauda
Sylvia communis
Aegithalos fuliginosus
Carduelis siemiradzkii
Macgregoria pulchra
Agelaius phoeniceus
Tephrodornis pondicerianus
Heterophasia melanoleuca
Campephaga phoenicea
Ampelion rufaxilla
Hirundo atrocaerulea
Seiurus noveboracensis
Paradisaea apoda
Zoothera monticola
Motacilla madaraspatensis
Pericrocotus cinnamomeus
Myiopagis subplacens
Conothraupis speculigera
Monticola imerinus
Sylvietta rufescens
Sporophila corvina
Rhipidura nigrocinnamomea
Perisoreus canadensis
Nesopsar nigerrimus
Nilaus afer
Turdus jamaicensis
Pipreola arcuata
Gymnomyza samoensis
Loxipasser anoxanthus
Scenopoeetes dentirostris
Petronia brachydactyla
Vidua macroura
Vermivora bachmanii
Prunella montanella
Myioborus miniatus
Zosterops modestus
Granatellus pelzelni
Ploceus manyar
Cyanoptila cyanomelana
Corcorax melanorhamphos
Coracina maxima
Myiophobus flavicans
Hyloctistes subulatus
Rhipidura perlata
Porphyrospiza caerulescens
Chlorophonia occipitalis
Erithacus komadori
Vireo cassinii
Cracticus nigrogularis
Pycnonotus plumosus
Acrocephalus taiti
Colluricincla tenebrosa
Thripadectes ignobilis
Bleda canicapillus
Zoothera wardii
Euplectes aureus
Andropadus ansorgei
Malurus lamberti
Zoothera peronii
Pitta nympha
Napothera brevicaudata
Psarocolius angustifrons
Zosterops metcalfii
Chrysomma sinense
Aplonis cantoroides
Plocepasser mahali
Prinia subflava
Phylloscartes ventralis
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Monticola cinclorhynchus
Saxicola insignis
Estrilda caerulescens
Zoothera spiloptera
Emberiza cirlus
Saltator aurantiirostris
Luscinia luscinia
Lalage leucopyga
Ptiloris paradiseus
Thamnomanes saturninus
Cacicus haemorrhous
Lanius tephronotus
Mimus longicaudatus
Asthenes baeri
Cyanocorax morio
Myrmecocichla semirufa
Tersina viridis
Napothera crassa
Yuhina everetti
Oenanthe xanthoprymna
Automolus melanopezus
Bangsia aureocincta
Hemitriccus minor
Basileuterus coronatus
Montifringilla nivalis
Toxostoma crissale
Carpodacus vinaceus
Turdus haplochrous
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Polystictus pectoralis
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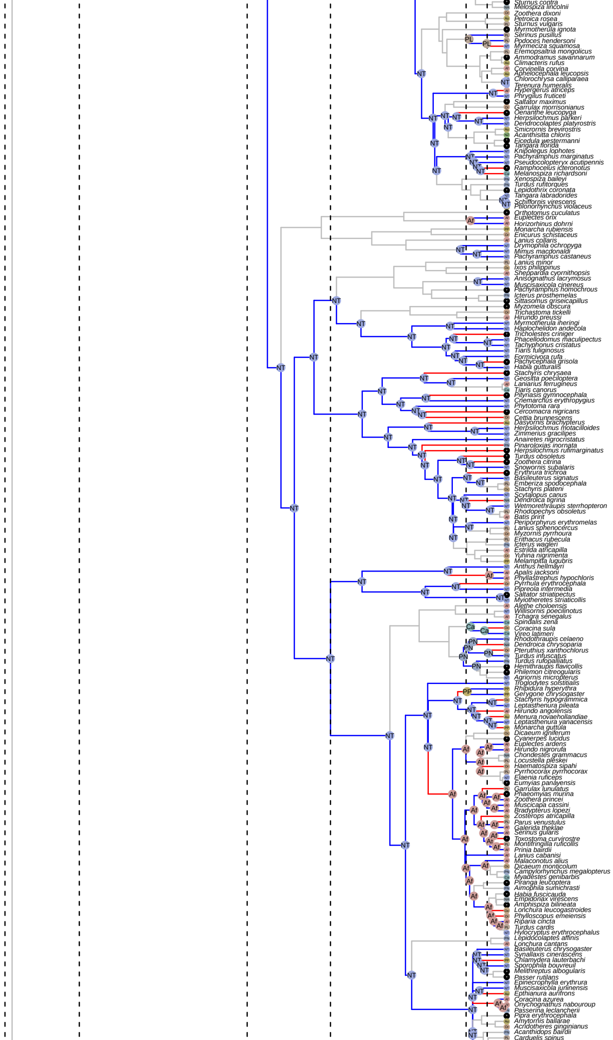
Rhipidura rufiventris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Myrmeciza squamosa
Eremopsaltria mongolicus
Ammodramus savannarum
Climacteris rufus
Corvinella corvina
Aphelocephala leucopsis
Chlorochrysa calliparaea
Terenura humeralis
Hypergerus atriceps
Phrygilus fruticeti
Saltator maximus
Garrulax morrisonianus
Oenanthe leucopyga
Herpsilochmus parkeri
Dendrocolaptes platyrostris
Smicrornis brevirostris
Acanthisitta chloris
Ficedula westermanni
Tangara florida
Knipolegus lophotes
Pachyramphus marginatus
Pseudocolopteryx acutipennis
Ramphocelus icteronotus
Melanospiza richardsoni
Xenospiza baileyi
Turdus rufitorques
Lepidothrix coronata
Tangara labradorides
Schiffornis virescens
Ptilonorhynchus violaceus
Orthotomus cuculatus
Euplectes orix
Horizorhinus dohrni
Monarcha rubiensis
Enicurus schistaceus
Lanius collaris
Drymophila ochropyga
Mimus macdonaldi
Pachyramphus castaneus
Lanius minor
Ixos philippinus
Sheppardia cyornithopsis
Anisognathus lacrymosus
Muscisaxicola cinereus
Pachyramphus homochrous
Icterus prosthemelas
Sittasomus griseicapillus
Myzomela obscura
Trichastoma tickelli
Hirundo preussi
Myrmotherula iheringi
Haplochelidon andecola
Tricholestes criniger
Phacellodomus maculipectus
Tachyphonus cristatus
Tiaris fuliginosus
Formicivora rufa
Pachycephala grisola
Habia gutturalis
Stachyris chrysaea
Geositta poeciloptera
Laniarius ferrugineus
Tiaris canorus
Pityriasis gymnocephala
Cnemarchus erythropygius
Phytotoma rara
Cercomacra nigricans
Cettia brunnescens
Dasyornis brachypterus
Herpsilochmus motacilloides
Zimmerius gracilipes
Anairetes nigrocristatus
Pinaroloxias inornata
Herpsilochmus rufimarginatus
Turdus obsoletus
Zoothera citrina
Snowornis subalaris
Erythrura trichroa
Basileuterus signatus
Emberiza spodocephala
Stachyris plateni
Scytalopus canus
Dendroica tigrina
Wetmorethraupis sterrhopteron
Rhodopechys obsoletus
Batis pririt
Periporphyrus erythromelas
Lanius sphenocercus
Myzornis pyrrhoura
Erithacus rubecula
Icterus wagleri
Estrilda atricapilla
Yuhina nigrimenta
Melampitta lugubris
Anthus hellmayri
Apalis jacksoni
Phyllastrephus hypochloris
Pyrrhula erythrocephala
Pipreola intermedia
Saltator striatipectus
Myiotheretes striaticollis
Alethe choloensis
Willisornis poecilinotus
Tchagra senegalus
Spindalis zena
Coracina sula
Vireo latimeri
Rhodothraupis celaeno
Dendroica chrysoparia
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Turdus infuscatus
Turdus rufopalliatus
Hemithraupis flavicollis
Philemon citreogularis
Agriornis micropterus
Troglodytes solstitialis
Rhipidura hyperythra
Gerygone chrysogaster
Stachyris hypogrammica
Leptasthenura pileata
Hirundo angolensis
Menura novaehollandiae
Leptasthenura yanacensis
Monarcha guttula
Dicaeum igniferum
Cyanerpes lucidus
Euplectes ardens
Hirundo nigrorufa
Chondestes grammacus
Locustella pleskei
Haematospiza sipahi
Pyrrhocorax pyrrhocorax
Elaenia ruficeps
Eumyias panayensis
Garrulax lunulatus
Phaeomyias murina
Zoothera princei
Muscicapa cassini
Bradypterus lopezi
Zosterops atricapilla
Parus venustulus
Galerida theklae
Serinus gularis
Toxostoma curvirostre
Montifringilla ruficollis
Prinia bairdii
Lanius cabanisi
Malaconotus alius
Dicaeum monticolum
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Myadestes genibarbis
Piranga leucoptera
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Habia fuscicauda
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Amphispiza bilineata
Lonchura leucogastroides
Phylloscopus emeiensis
Riparia cincta
Turdus cardis
Hylocryptus erythrocephalus
Lepidocolaptes affinis
Lonchura cantans
Basileuterus chrysogaster
Synallaxis cinerascens
Chlamydera lauterbachi
Sporophila bouvreuil
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Passer rutilans
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Muscisaxicola juninensis
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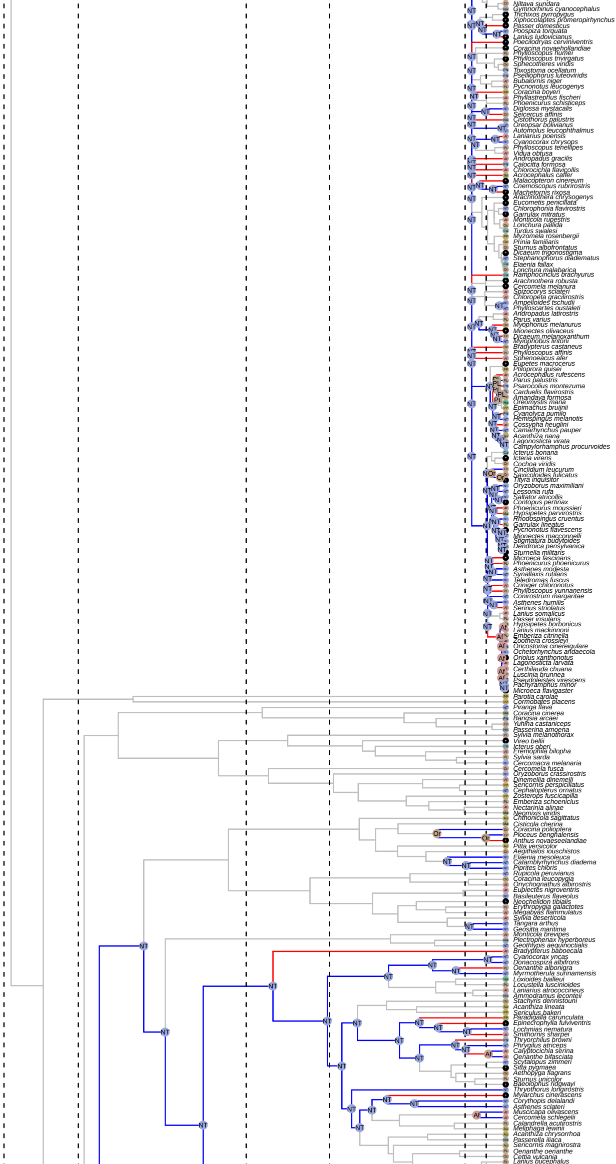
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Poecilodryas cerviniventris
Coracina novaehollandiae
Phylloscopus humei
Phylloscopus trivirgatus
Sphecotheres viridis
Toxostoma ocellatum
Pselliophorus luteoviridis
Bubalornis niger
Pycnonotus leucogenys
Coracina boyeri
Phyllastrephus fischeri
Phoenicurus schisticeps
Diglossa mystacalis
Seicercus affinis
Cistothorus palustris
Oreopsar bolivianus
Automolus leucophthalmus
Laniarius poensis
Cyanocorax chrysops
Phylloscopus tenellipes
Vidua obtusa
Andropadus gracilis
Calocitta formosa
Chlorocichla flavicollis
Acrocephalus caffer
Malacopteron cinereum
Cnemoscopus rubrirostris
Machetornis rixosa
Arachnothera chrysogenys
Eucometis penicillata
Chlorophonia flavirostris
Garrulax mitratus
Monticola rupestris
Lonchura pallida
Turdus swalesi
Myzomela rosenbergii
Prinia familiaris
Sturnus albofrontatus
Dicaeum trigonostigma
Stephanophorus diadematus
Elaenia fallax
Lonchura malabarica
Ramphocinclus brachyurus
Arachnothera robusta
Cercomela melanura
Spizocorys sclateri
Chloropeta gracilirostris
Ampelioides tschudii
Phylloscartes oustaleti
Andropadus latirostris
Parus varius
Myophonus melanurus
Mionectes olivaceus
Dicaeum melanoxanthum
Myiophobus lintoni
Bradypterus castaneus
Phylloscopus affinis
Sphenoeacus afer
Eupetes macrocerus
Ptiloprora guisei
Acrocephalus rufescens
Parus palustris
Psarocolius montezuma
Carduelis flavirostris
Amandava formosa
Oreomystis mana
Epimachus bruijnii
Cyanolyca pumilo
Hemispingus melanotis
Cossypha heuglini
Camarhynchus pauper
Acanthiza nana
Lagonosticta virata
Campylorhamphus procurvoides
Icterus bonana
Icteria virens
Cochoa viridis
Cinclidium leucurum
Saxicoloides fulicatus
Tityra inquisitor
Oryzoborus maximiliani
Lessonia rufa
Saltator atricollis
Contopus pertinax
Phoenicurus moussieri
Hypsipetes parvirostris
Rhodospingus cruentus
Garrulax lineatus
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Mionectes macconnelli
Stigmatura budytoides
Dendroica pensylvanica
Sturnella militaris
Microeca fascinans
Phoenicurus phoenicurus
Asthenes modesta
Synallaxis rutilans
Teledromas fuscus
Criniger chloronotus
Phylloscopus yunnanensis
Conirostrum margaritae
Asthenes humilis
Serinus striolatus
Lanius somalicus
Passer insularis
Hypsipetes borbonicus
Lanius mackinnoni
Emberiza citrinella
Zoothera crossleyi
Oncostoma cinereigulare
Ochetorhynchus andaecola
Oriolus xanthonotus
Lagonosticta larvata
Certhilauda chuana
Luscinia brunnea
Pseudoleistes virescens
Pachyramphus minor
Microeca flavigaster
Parotia carolae
Cormobates placens
Piranga flava
Coracina cinerea
Bangsia arcaei
Yuhina castaniceps
Passerina amoena
Sylvia melanothorax
Vireo bellii
Icterus oberi
Eremophila bilopha
Sylvia sarda
Cercomacra melanaria
Cercomela fusca
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Dinemellia dinemelli
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Cephalopterus ornatus
Zosterops fuscicapilla
Emberiza schoeniclus
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Cisticola cherina
Coracina polioptera
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Anthus novaeseelandiae
Pitta versicolor
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Elaenia mesoleuca
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Piprites chloris
Rupicola peruvianus
Coracina leucopygia
Onychognathus albirostris
Euplectes nigroventris
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Megabyas flammulatus
Sylvia deserticola
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Geositta maritima
Monticola brevipes
Plectrophenax hyperboreus
Geothlypis aequinoctialis
Bradypterus baboecala
Cyanocorax yncas
Donacospiza albifrons
Oenanthe albonigra
Myrmotherula surinamensis
Loxioides bailleui
Locustella luscinioides
Laniarius atrococcineus
Ammodramus leconteii
Stachyris dennistouni
Acanthiza lineata
Sericulus bakeri
Paradigalla carunculata
Epinecrophylla fulviventris
Lochmias nematura
Smithornis sharpei
Thryorchilus browni
Phrygilus atriceps
Calyptocichla serina
Oenanthe bifasciata
Scytalopus zimmeri
Sitta pygmaea
Aethopyga flagrans
Sturnus unicolor
Baeolophus ridgwayi
Thryothorus longirostris
Myiarchus cinerascens
Corythopis delalandi
Asthenes sclateri
Muscicapa olivascens
Cercomela schlegelii
Calandrella acutirostris
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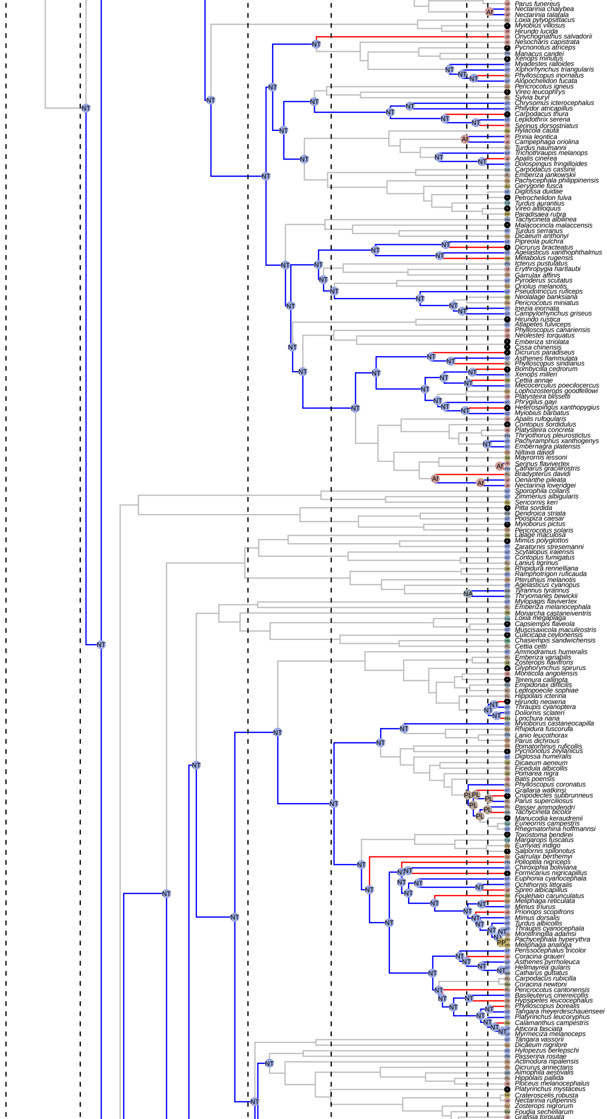
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Myiobius villosus
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Nesocharis capistrata
Pycnonotus atriceps
Manacus candei
Xenops minutus
Myadestes ralloides
Xiphorhynchus triangularis
Phylloscopus inornatus
Alopochelidon fucata
Pericrocotus igneus
Vireo leucophrys
Sylvia buryi
Chrysomus icterocephalus
Philydor atricapillus
Carpodacus thura
Lepidothrix serena
Serinus dorsostriatus
Hylacola cauta
Prinia leontica
Campephaga oriolina
Turdus naumanni
Trichothraupis melanops
Apalis cinerea
Dolospingus fringilloides
Carpodacus cassinii
Emberiza jankowskii
Pachycephala philippinensis
Gerygone fusca
Diglossa duidae
Petrochelidon fulva
Turdus aurantius
Vireo altiloquus
Paradisaea rubra
Tachycineta albilinea
Malacocincla malaccensis
Turdus serranus
Dicaeum anthonyi
Pipreola pulchra
Dicrurus bracteatus
Agelasticus xanthophthalmus
Metabolus rugensis
Icterus pustulatus
Erythropygia hartlaubi
Garrulax affinis
Pyroderus scutatus
Oriolus melanotis
Pseudotriccus ruficeps
Neolalage banksiana
Pericrocotus miniatus
Inezia inornata
Campylorhynchus griseus
Hirundo rustica
Atlapetes fulviceps
Phylloscopus canariensis
Neolestes torquatus
Emberiza striolata
Cissa chinensis
Dicrurus paradiseus
Asthenes flammulata
Phylloscopus sindianus
Bombycilla cedrorum
Xenops milleri
Cettia annae
Mecocerculus poecilocercus
Lophozosterops goodfellowi
Platysteira blissetti
Phrygilus gayi
Heterospingus xanthopygius
Myiobius barbatus
Apalis rufogularis
Contopus sordidulus
Platysteira concreta
Thryothorus pleurostictus
Pachyramphus xanthogenys
Embernagra platensis
Niltava davidi
Mayrornis lessoni
Serinus flavivertex
Catharus gracilirostris
Bradypterus davidi
Oenanthe pileata
Nectarinia loveridgei
Sporophila collaris
Zimmerius albigularis
Sericornis keri
Pitta sordida
Dendroica striata
Poospiza caesar
Myioborus pictus
Pericrocotus solaris
Lalage maculosa
Mimus polyglottos
Zaratornis stresemanni
Scytalopus iraiensis
Contopus fumigatus
Lanius tigrinus
Rhipidura rennelliana
Ramphotrigon ruficauda
Pteruthius melanotis
Agelasticus cyanopus
Tyrannus tyrannus
Thryomanes bewickii
Myiopagis flavivertex
Emberiza melanocephala
Monarcha castaneiventris
Loxia megaplaga
Capsiempis flaveola
Muscisaxicola maculirostris
Culicicapa ceylonensis
Chasiempis sandwichensis
Cettia cetti
Ammodramus humeralis
Emberiza variabilis
Zosterops flavifrons
Glyphorynchus spirurus
Monticola angolensis
Terenura callinota
Empidonax difficilis
Leptopoecile sophiae
Hippolais icterina
Hirundo neoxena
Thraupis cyanoptera
Doliornis sclateri
Lonchura nana
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Rhipidura fuscorufa
Lanio leucothorax
Parus dichrous
Pomatorhinus ruficollis
Pycnonotus zeylanicus
Diglossa humeralis
Dicaeum aeneum
Ficedula albicollis
Pomarea nigra
Batis poensis
Phylloscopus coronatus
Grallaria watkinsi
Cnipodectes subbrunneus
Parus superciliosus
Passer ammodendri
Tachycineta bicolor
Manucodia keraudrenii
Euneornis campestris
Rhegmatorhina hoffmannsi
Toxostoma bendirei
Margarops fuscatus
Eumyias indigo
Salpornis spilonotus
Garrulax berthemyi
Polioptila nigriceps
Chiroxiphia boliviana
Formicarius nigricapillus
Euphonia cyanocephala
Ochthornis littoralis
Spreo albicapillus
Foulehaio carunculatus
Meliphaga reticulata
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Prionops scopifrons
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Montifringilla adamsi
Pachycephala hyperythra
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Asthenes pyrrholeuca
Hellmayrea gularis
Catharus guttatus
Carpodacus rubicilla
Coracina newtoni
Pericrocotus cantonensis
Basileuterus cinereicollis
Hypsipetes leucocephalus
Phylloscopus borealis
Tangara meyerdeschauenseei
Platyrinchus leucoryphus
Calamanthus campestris
Atticora fasciata
Myrmeciza melanoceps
Tangara vassorii
Dicaeum nigrilore
Hylopezus berlepschi
Passerina rositae
Actinodura nipalensis
Dicrurus annectans
Aimophila aestivalis
Hippolais pallida
Ploceus melanocephalus
Platyrinchus mystaceus
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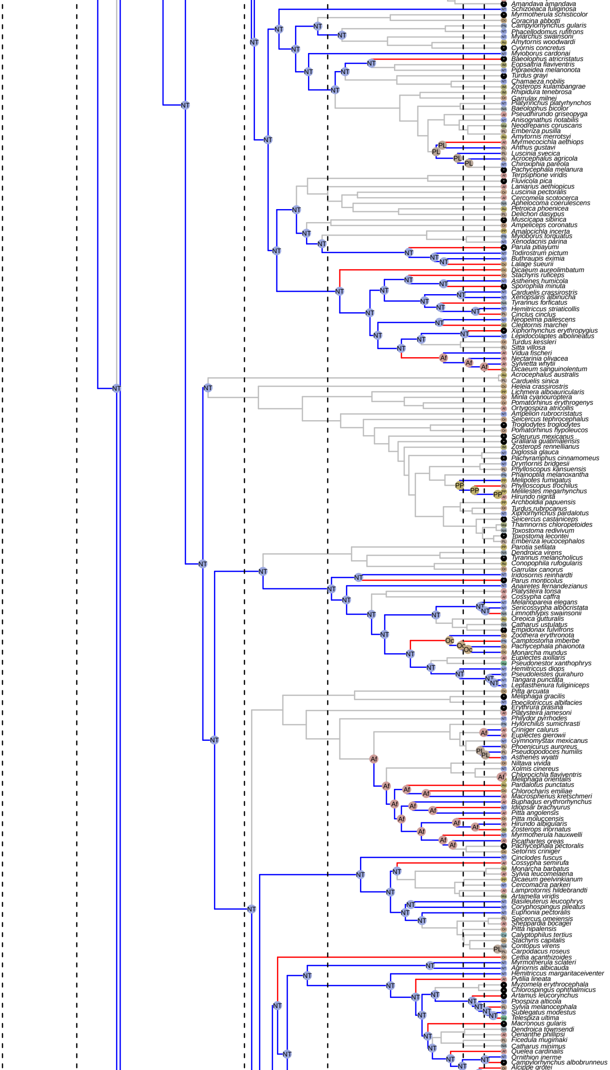
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Cyornis concretus
Myioborus cardonai
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Eopsaltria flaviventris
Pipraeidea melanonota
Turdus grayi
Chamaeza nobilis
Zosterops kulambangrae
Rhipidura tenebrosa
Garrulax milnei
Platyrinchus platyrhynchos
Baeolophus bicolor
Pseudhirundo griseopyga
Anisognathus notabilis
Neodrepanis coruscans
Emberiza pusilla
Amytornis merrotsyi
Myrmecocichla aethiops
Anthus gustavi
Luscinia svecica
Acrocephalus agricola
Chiroxiphia pareola
Pachycephala melanura
Terpsiphone viridis
Fluvicola pica
Laniarius aethiopicus
Luscinia pectoralis
Cercomela scotocerca
Aphelocoma coerulescens
Petroica phoenicea
Delichon dasypus
Muscicapa sibirica
Ampeliceps coronatus
Amalocichla incerta
Myioborus torquatus
Xenodacnis parina
Parula pitiayumi
Todirostrum pictum
Buthraupis eximia
Lalage sueurii
Dicaeum aureolimbatum
Stachyris ruficeps
Asthenes humicola
Sporophila minuta
Carduelis crassirostris
Xenopsaris albinucha
Tyrannus forficatus
Hemitriccus striaticollis
Cinclus cinclus
Neopelma pallescens
Cleptornis marchei
Xiphorhynchus erythropygius
Lepidocolaptes albolineatus
Turdus kessleri
Sitta villosa
Vidua fischeri
Nectarinia olivacea
Sylvietta whytii
Dicaeum sanguinolentum
Acrocephalus australis
Carduelis sinica
Heleia crassirostris
Lichmera alboauricularis
Minla cyanouroptera
Pomatorhinus erythrogenys
Ortygospiza atricollis
Ampelion rubrocristatus
Seicercus tephrocephalus
Troglodytes troglodytes
Pomatorhinus hypoleucos
Sclerurus mexicanus
Grallaria guatimalensis
Zosterops rennellianus
Diglossa glauca
Pachyramphus cinnamomeus
Drymornis bridgesii
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Melilestes megarhynchus
Hirundo nigrita
Archboldia papuensis
Turdus rubrocanus
Xiphorhynchus pardalotus
Seicercus castaniceps
Thamnornis chloropetoides
Toxostoma redivivum
Toxostoma lecontei
Emberiza leucocephalos
Parotia sefilata
Dendroica virens
Tyrannus melancholicus
Conopophila rufogularis
Garrulax canorus
Iridosornis reinhardti
Parus monticolus
Anairetes fernandezianus
Platysteira tonsa
Cossypha caffra
Melanopareia elegans
Sericossypha albocristata
Limnothlypis swainsonii
Oreoica gutturalis
Catharus ustulatus
Empidonax fulvifrons
Zoothera erythronota
Camptostoma imberbe
Pachycephala phaionota
Monarcha mundus
Euplectes axillaris
Pseudonestor xanthophrys
Hemitriccus diops
Pseudoleistes guirahuro
Tangara punctata
Leptasthenura fuliginiceps
Pitta arcuata
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Poecilotriccus albifacies
Erythrura prasina
Platysteira jamesoni
Philydor pyrrhodes
Hylorchilus sumichrasti
Criniger calurus
Euplectes gierowii
Gymnomystax mexicanus
Phoenicurus auroreus
Pseudopodoces humilis
Asthenes wyatti
Niltava vivida
Xolmis cinereus
Chlorocichla flaviventris
Meliphaga orientalis
Pardalotus punctatus
Chlorocharis emiliae
Macrosphenus kretschmeri
Buphagus erythrorhynchus
Idiopsar brachyurus
Pitta angolensis
Pitta moluccensis
Hirundo albigularis
Zosterops inornatus
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Picathartes oreas
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Setornis criniger
Cinclodes fuscus
Cossypha semirufa
Monarcha barbatus
Sylvia leucomelaena
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Cercomacra parkeri
Lamprotornis hildebrandti
Artamella viridis
Basileuterus leucophrys
Coryphospingus pileatus
Euphonia pectoralis
Seicercus omeiensis
Sheppardia bocagei
Pitta nipalensis
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Stachyris capitalis
Contopus virens
Carpodacus roseus
Cettia acanthizoides
Myrmotherula sclateri
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Hemitriccus margaritaceiventer
Pytilia lineata
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Artamus leucorynchus
Poospiza alticola
Sylvia melanocephala
Sublegatus modestus
Telespiza ultima
Macronous gularis
Dendroica townsendi
Oenanthe phillipsi
Ficedula mugimaki
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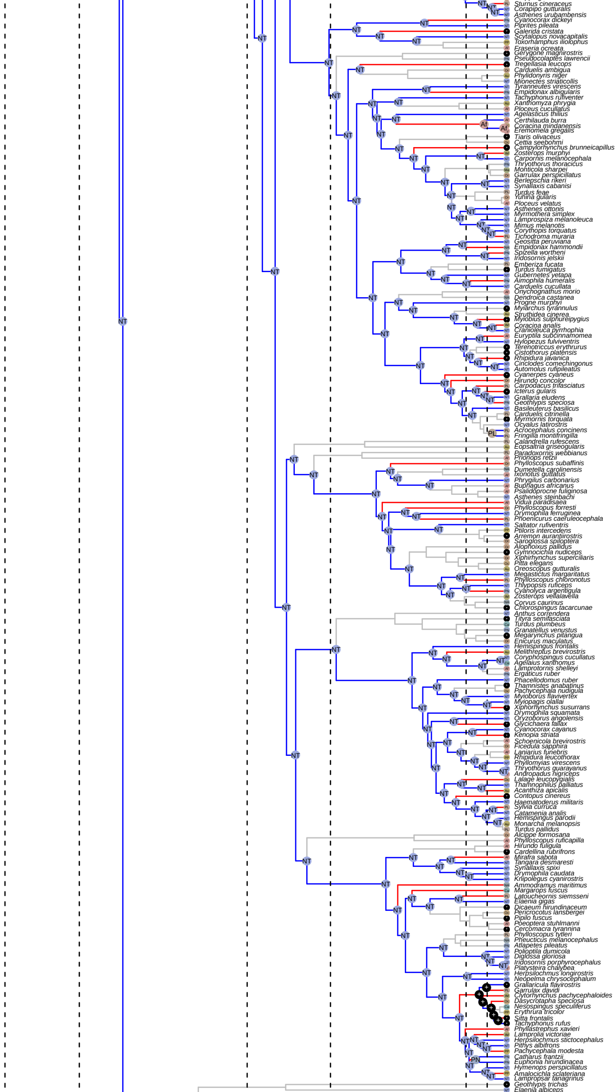
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Toxorhamphus iliolophus
Fraseria ocreata
Gerygone magnirostris
Pseudocolaptes lawrencii
Tregellasia leucops
Carduelis ambigua
Phylidonyris niger
Mionectes striaticollis
Tyranneutes virescens
Empidonax albigularis
Tachyphonus rufiventer
Xanthomyza phrygia
Ploceus cucullatus
Agelasticus thilius
Certhilauda burra
Coracina mindanensis
Eremomela gregalis
Tiaris olivaceus
Cettia seebohmi
Campylorhynchus brunneicapillus
Zosterops murphyi
Carpornis melanocephala
Thryothorus thoracicus
Monticola sharpei
Garrulax perspicillatus
Berlepschia rikeri
Synallaxis cabanisi
Turdus feae
Yuhina gularis
Ploceus velatus
Asthenes ottonis
Myrmothera simplex
Lamprospiza melanoleuca
Mimus melanotis
Corythopis torquatus
Tichodroma muraria
Geositta peruviana
Empidonax hammondii
Spizella wortheni
Iridosornis jelskii
Emberiza fucata
Turdus fumigatus
Gubernetes yetapa
Aimophila humeralis
Carduelis cucullata
Onychognathus morio
Dendroica castanea
Progne murphyi
Myiarchus tyrannulus
Struthidea cinerea
Myiobius sulphureipygius
Coracina analis
Cranioleuca pyrrhophia
Euryptila subcinnamomea
Hylopezus fulviventris
Terenotriccus erythrurus
Cistothorus platensis
Rhipidura javanica
Cinclodes comechingonus
Automolus rufipileatus
Cyanerpes cyaneus
Hirundo concolor
Carpodacus trifasciatus
Icterus gularis
Grallaria eludens
Geothlypis speciosa
Basileuterus basilicus
Carduelis citrinella
Myrmornis torquata
Ocyalus latirostris
Acrocephalus concinens
Fringilla montifringilla
Calandrella rufescens
Eopsaltria griseogularis
Paradoxornis webbianus
Prionops retzii
Phylloscopus subaffinis
Dumetella carolinensis
Ixonotus guttatus
Phrygilus carbonarius
Buphagus africanus
Psalidoprocne fuliginosa
Asthenes steinbachi
Vidua paradisaea
Phylloscopus forresti
Drymophila ferruginea
Phoenicurus caeruleocephala
Saltator rufiventris
Ptiloris intercedens
Arremon aurantiirostris
Saroglossa spiloptera
Alophoixus pallidus
Gymnocichla nudiceps
Xiphirhynchus superciliaris
Pitta elegans
Oreoscopus gutturalis
Megastictus margaritatus
Phylloscopus chloronotus
Thlypopsis ruficeps
Cyanolyca argentigula
Zosterops vellalavella
Corvus caurinus
Chlorospingus tacarcunae
Anthus correndera
Tityra semifasciata
Turdus plumbeus
Granatellus venustus
Megarynchus pitangua
Enicurus maculatus
Hemispingus frontalis
Melithreptus brevirostris
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Lamprotornis shelleyi
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Phacellodomus ruber
Thamnistes anabatinus
Pachycephala nudigula
Myioborus flavivertex
Myiopagis olallai
Xiphorhynchus susurrans
Drymophila squamata
Oryzoborus angolensis
Glycichaera fallax
Cyanocorax cayanus
Kenopia striata
Schoenicola brevirostris
Ficedula sapphira
Laniarius funebris
Rhipidura leucothorax
Phyllomyias virescens
Thryothorus guarayanus
Andropadus nigriceps
Lalage leucopygialis
Thamnophilus palliatus
Acanthiza apicalis
Contopus cinereus
Haematoderus militaris
Sylvia curruca
Catamenia analis
Hemispingus parodii
Monarcha melanopsis
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Alcippe formosana
Phylloscopus ruficapilla
Hirundo fuligula
Cardellina rubrifrons
Mirafra sabota
Tangara desmaresti
Synallaxis spixi
Drymophila caudata
Knipolegus cyanirostris
Ammodramus maritimus
Margarops fuscus
Latoucheornis siemsseni
Elaenia gigas
Dicaeum hirundinaceum
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Pipilo fuscus
Poeoptera stuhlmanni
Cercomacra tyrannina
Phylloscopus tytleri
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Atlapetes pileatus
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Tachyphonus rufus
Phyllastrephus xavieri
Lamprolia victoriae
Herpsilochmus stictocephalus
Pithys albifrons
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Catharus frantzii
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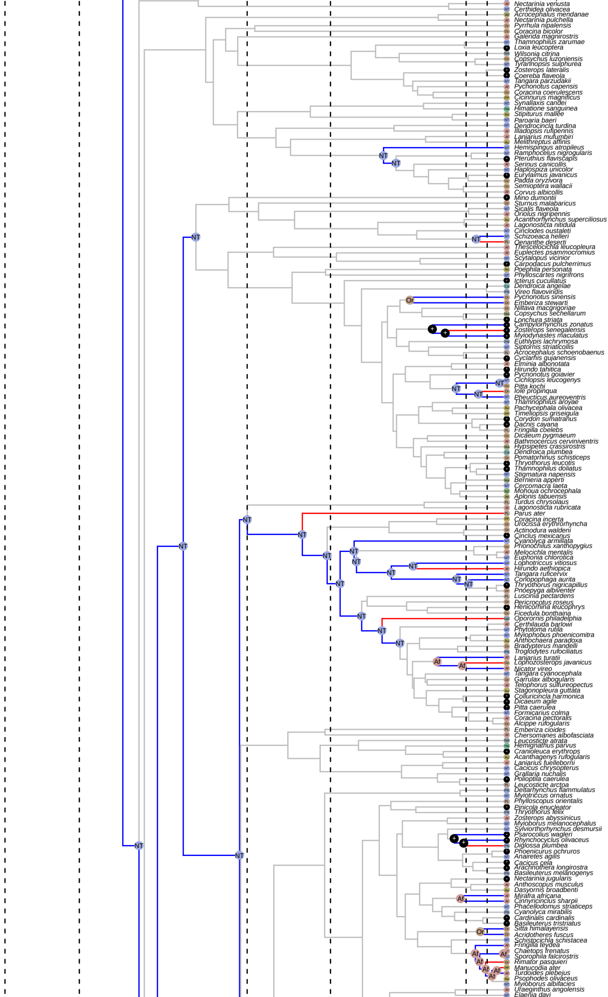
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Loxia leucoptera
Wilsonia citrina
Copsychus luzoniensis
Tyrannopsis sulphurea
Zosterops lateralis
Coereba flaveola
Tangara parzudakii
Pycnonotus capensis
Coracina coerulescens
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Synallaxis candei
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Stipiturus mallee
Paroaria baeri
Dendrocincla turdina
Illadopsis rufipennis
Laniarius mufumbiri
Melithreptus affinis
Hemispingus atropileus
Ramphocelus nigrogularis
Pteruthius flaviscapis
Serinus canicollis
Haplospiza unicolor
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Padda oryzivora
Semioptera wallacii
Corvus albicollis
Mino dumontii
Sturnus malabaricus
Sicalis flaveola
Oriolus nigripennis
Acanthorhynchus superciliosus
Lagonosticta nitidula
Cinclodes oustaleti
Schizoeaca helleri
Oenanthe deserti
Thescelocichla leucopleura
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Scytalopus vicinior
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Icterus cucullatus
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Cyclarhis gujanensis
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Pycnonotus goiavier
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Pitta kochi
Iole propinqua
Pheucticus aureoventris
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Pachycephala olivacea
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Dacnis cayana
Fringilla coelebs
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Bathmocercus cerviniventris
Hypsipetes crassirostris
Dendroica plumbea
Pomatorhinus schisticeps
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Thamnophilus doliatus
Stigmatura napensis
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Cercomacra laeta
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Parus ater
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Cyanolyca armillata
Prionochilus xanthopygius
Melocichla mentalis
Euphonia chlorotica
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Hirundo aethiopica
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Ficedula bonthaina
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Laniarius turatii
Lophozosterops javanicus
Nicator vireo
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Garrulax albogularis
Telophorus sulfureopectus
Stagonopleura guttata
Colluricincla harmonica
Dicaeum agile
Pitta caerulea
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Psarocolius wagleri
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Cacicus cela
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Basileuterus melanogenys
Nectarinia jugularis
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Dasyornis broadbenti
Mirafra africana
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Phacellodomus striaticeps
Cyanolyca mirabilis
Cardinalis cardinalis
Basileuterus tristriatus
Sitta himalayensis
Acridotheres fuscus
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Fringilla teydea
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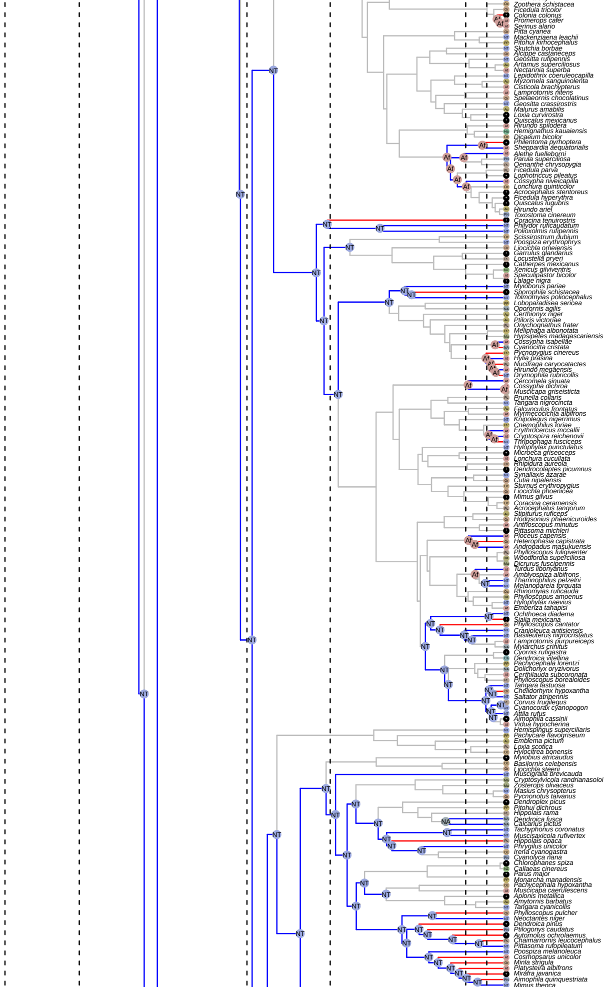
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Nectarinia superba
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Myzomela sanguinolenta
Cisticola brachypterus
Lamprotornis nitens
Spelaeornis chocolatinus
Geositta crassirostris
Malurus amabilis
Loxia curvirostra
Quiscalus mexicanus
Hirundo spilodera
Hemignathus kauaiensis
Dicaeum bicolor
Philentoma pyrhoptera
Sheppardia aequatorialis
Alethe fuelleborni
Parula superciliosa
Oenanthe chrysopygia
Ficedula parva
Lophotriccus pileatus
Cossypha niveicapilla
Lonchura quinticolor
Acrocephalus stentoreus
Ficedula hyperythra
Quiscalus lugubris
Hirundo ariel
Toxostoma cinereum
Coracina tenuirostris
Philydor ruficaudatum
Polioxolmis rufipennis
Scissirostrum dubium
Poospiza erythrophrys
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Garrulus glandarius
Locustella pryeri
Catherpes mexicanus
Xenicus gilviventris
Speculipastor bicolor
Lalage nigra
Myioborus pariae
Sporophila schistacea
Tolmomyias poliocephalus
Loboparadisea sericea
Oporornis agilis
Certhionyx niger
Ptiloris victoriae
Onychognathus frater
Meliphaga albonotata
Hypsipetes madagascariensis
Cossypha isabellae
Cyanocitta cristata
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Hylia prasina
Nucifraga caryocatactes
Hirundo megaensis
Drymophila rubricollis
Cercomela sinuata
Cossypha dichroa
Muscicapa griseisticta
Prunella collaris
Tangara nigrocincta
Falcunculus frontatus
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Knipolegus nigerrimus
Cnemophilus loriae
Erythrocercus mccallii
Cryptospiza reichenovii
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Hylophylax punctulatus
Microeca griseoceps
Lonchura cucullata
Rhipidura aureola
Dendrocolaptes picumnus
Synallaxis azarae
Cutia nipalensis
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Liocichla phoenicea
Mimus gilvus
Coracina ceramensis
Acrocephalus tangorum
Stipiturus ruficeps
Hodgsonius phaenicuroides
Anthoscopus minutus
Pittasoma michleri
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Heterophasia capistrata
Andropadus masukuensis
Phylloscopus fuligiventer
Woodfordia superciliosa
Dicrurus fuscipennis
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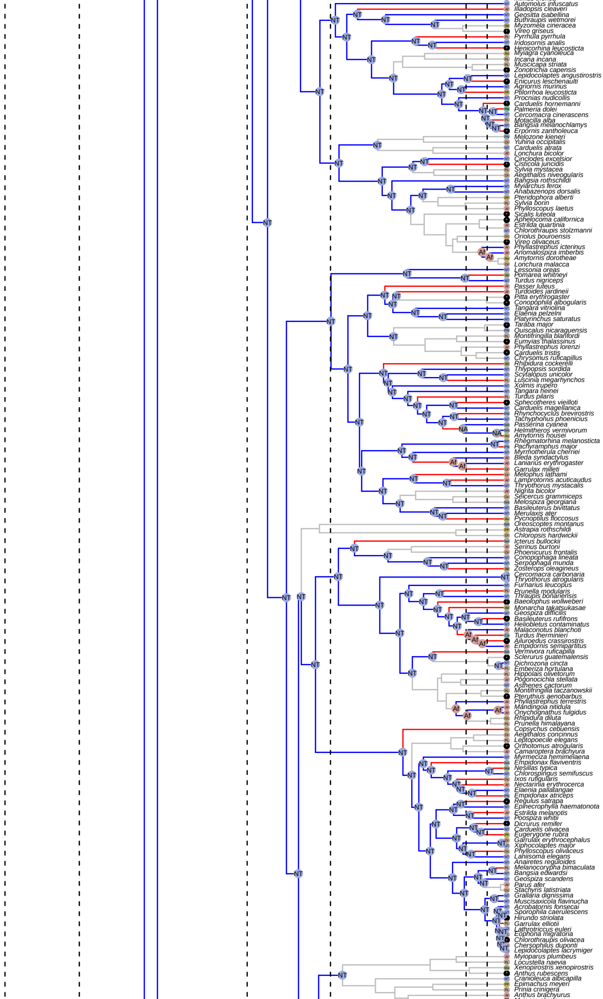
Thamnophilus pelzelni
Melanopareia torquata
Rhinomyias ruficauda
Phylloscopus amoenus
Hylophylax naevius
Emberiza tahapisi
Ochthoeca diadema
Sialia mexicana
Phylloscopus cantator
Cranioleuca antisiensis
Basileuterus nigrocristatus
Lamprotornis purpureiceps
Myiarchus crinitus
Cyornis rufigastra
Dendroica vitellina
Pachycephala lorentzi
Dolichonyx oryzivorus
Certhilauda subcoronata
Phylloscopus borealoides
Tangara fastuosa
Chelidorhynx hypoxantha
Saltator atripennis
Corvus frugilegus
Cyanocorax cyanopogon
Attila rufus
Aimophila cassinii
Vidua hypocherina
Hemispingus superciliaris
Pachycare flavogriseum
Emblema pictum
Loxia scotica
Hylocitrea bonensis
Myiobius atricaudus
Basilornis celebensis
Liocichla steerii
Muscigralla brevicauda
Cryptosylvicola randrianasoloi
Zosterops olivaceus
Masius chrysopterus
Pycnonotus taivanus
Dendroplex picus
Pitohui dichrous
Hippolais rama
Dendroica fusca
Calcarius pictus
Tachyphonus coronatus
Muscisaxicola rufivertex
Hippolais opaca
Phrygilus unicolor
Irena cyanogastra
Cyanolyca nana
Chlorophanes spiza
Callaeas cinereus
Parus major
Monarcha manadensis
Pachycephala hypoxantha
Muscicapa caerulescens
Aplonis metallica
Amytornis barbatus
Tangara cyanicollis
Phylloscopus pulcher
Neoctantes niger
Dendroica pinus
Ptilogonys caudatus
Automolus ochrolaemus
Chaimarrornis leucocephalus
Pittasoma rufopileatum
Poospiza melanoleuca
Cosmopsarus unicolor
Minla strigula
Platysteira albifrons
Mirafra javanica
Aimophila quinquestriata
Mimus thenca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Myzomela cineracea
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Henicorhina leucosticta
Myiagra cyanoleuca
Incana incana
Muscicapa striata
Zonotrichia capensis
Lepidocolaptes angustirostris
Enicurus leschenaulti
Agriornis murinus
Ptilorrhoa leucosticta
Procnias nudicollis
Carduelis hornemanni
Palmeria dolei
Cercomacra cinerascens
Motacilla alba
Bangsia melanochlamys
Erpornis zantholeuca
Melozone kieneri
Yuhina occipitalis
Carduelis atrata
Lonchura bicolor
Cinclodes excelsior
Cisticola juncidis
Sylvia mystacea
Aegithalos niveogularis
Bangsia rothschildi
Myiarchus ferox
Anabazenops dorsalis
Pteridophora alberti
Sylvia borin
Phylloscopus laetus
Sicalis luteola
Aphelocoma californica
Estrilda quartinia
Chlorothraupis stolzmanni
Oriolus bouroensis
Vireo olivaceus
Phyllastrephus icterinus
Anomalospiza imberbis
Amytornis dorotheae
Lonchura malacca
Lessonia oreas
Pomarea whitneyi
Turdus nigriceps
Passer luteus
Turdoides jardineii
Pitta erythrogaster
Conopophila albogularis
Tangara vitriolina
Elaenia pelzelni
Platyrinchus saturatus
Taraba major
Quiscalus nicaraguensis
Montifringilla blanfordi
Eumyias thalassinus
Phyllastrephus lorenzi
Carduelis tristis
Chrysomus ruficapillus
Rhipidura cockerelli
Thlypopsis sordida
Scytalopus unicolor
Luscinia megarhynchos
Xolmis irupero
Tangara heinei
Turdus pilaris
Sphecotheres vieilloti
Carduelis magellanica
Rhynchocyclus brevirostris
Tachyphonus phoenicius
Passerina cyanea
Helmitheros vermivorum
Amytornis housei
Rhegmatorhina melanosticta
Pachyramphus major
Myrmotherula cherriei
Bleda syndactylus
Laniarius erythrogaster
Garrulax milleti
Melophus lathami
Lamprotornis acuticaudus
Thryothorus mystacalis
Nigrita bicolor
Seicercus grammiceps
Melospiza georgiana
Basileuterus bivittatus
Merulaxis ater
Pycnoptilus floccosus
Oreoscoptes montanus
Astrapia rothschildi
Chloropsis hardwickii
Icterus bullockii
Serinus burtoni
Phoenicurus frontalis
Conopophaga lineata
Serpophaga munda
Zosterops oleagineus
Cercomacra carbonaria
Thryothorus atrogularis
Furnarius leucopus
Prunella modularis
Thraupis bonariensis
Baeolophus wollweberi
Monarcha takatsukasae
Geospiza difficilis
Basileuterus rufifrons
Heliobletus contaminatus
Malaconotus blanchoti
Turdus lherminieri
Ailuroedus crassirostris
Empidornis semipartitus
Vermivora ruficapilla
Sclerurus guatemalensis
Dichrozona cincta
Emberiza hortulana
Hippolais olivetorum
Pogonocichla stellata
Asthenes cactorum
Montifringilla taczanowskii
Pteruthius aenobarbus
Phyllastrephus terrestris
Mandingoa nitidula
Onychognathus fulgidus
Rhipidura diluta
Prunella himalayana
Copsychus cebuensis
Aegithalos concinnus
Leptopoecile elegans
Orthotomus atrogularis
Camaroptera brachyura
Myrmeciza hemimelaena
Empidonax flaviventris
Nesillas typica
Chlorospingus semifuscus
Ixos rufigularis
Nectarinia erythrocerca
Elaenia pallatangae
Empidonax atriceps
Regulus satrapa
Epinecrophylla haematonota
Estrilda melanotis
Poospiza whitii
Dicrurus remifer
Carduelis olivacea
Eugerygone rubra
Garrulax erythrocephalus
Xiphocolaptes major
Phylloscopus olivaceus
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Anairetes reguloides
Melanocorypha bimaculata
Bangsia edwardsi
Geospiza scandens
Parus afer
Stachyris latistriata
Grallaria dignissima
Muscisaxicola flavinucha
Acrobatornis fonsecai
Sporophila caerulescens
Hirundo striolata
Garrulax elliotii
Lathrotriccus euleri
Eophona migratoria
Chlorothraupis olivacea
Chersophilus duponti
Lepidocolaptes lacrymiger
Myioparus plumbeus
Locustella naevia
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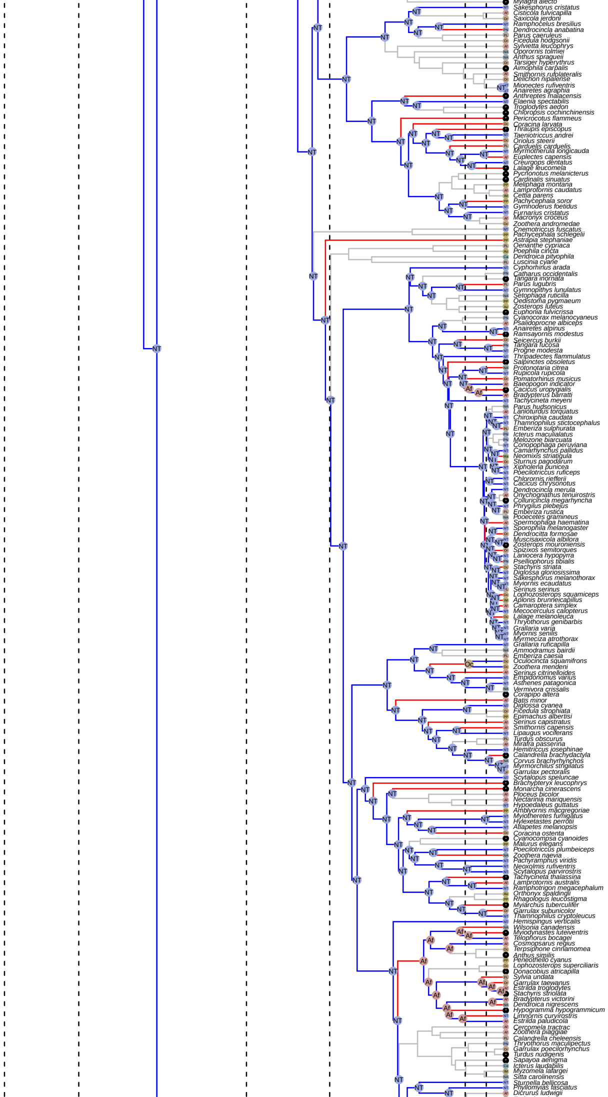
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Sylvietta leucophrys
Oporornis tolmiei
Anthus spragueii
Tarsiger hyperythrus
Aimophila carpalis
Smithornis rufolateralis
Delichon nipalense
Mionectes rufiventris
Anairetes agraphia
Anthreptes malacensis
Elaenia spectabilis
Troglodytes aedon
Chloropsis cochinchinensis
Pericrocotus flammeus
Coracina larvata
Thraupis episcopus
Taeniotriccus andrei
Oriolus steerii
Carduelis carduelis
Myrmotherula longicauda
Euplectes capensis
Creurgops dentatus
Lalage leucomela
Pycnonotus melanicterus
Cardinalis sinuatus
Meliphaga montana
Lamprotornis caudatus
Cettia parens
Pachycephala soror
Gymnoderus foetidus
Furnarius cristatus
Macronyx croceus
Zoothera andromedae
Cnemotriccus fuscatus
Pachycephala schlegelii
Astrapia stephaniae
Oenanthe cypriaca
Poephila cincta
Dendroica pityophila
Luscinia cyane
Cyphorhinus arada
Catharus occidentalis
Tangara inornata
Parus lugubris
Gymnopithys lunulatus
Setophaga ruticilla
Oedistoma pygmaeum
Zosterops luteus
Euphonia fulvicrissa
Cyanocorax melanocyaneus
Psalidoprocne albiceps
Anairetes alpinus
Ramsayornis modestus
Seicercus burkii
Tangara fucosa
Progne modesta
Thripadectes flammulatus
Salpinctes obsoletus
Protonotaria citrea
Rupicola rupicola
Pomatorhinus musicus
Baeopogon indicator
Cacicus uropygialis
Bradypterus barratti
Tachycineta meyeni
Parus hudsonicus
Lanioturdus torquatus
Chiroxiphia caudata
Thamnophilus stictocephalus
Emberiza sulphurata
Icterus maculialatus
Melozone biarcuata
Conopophaga peruviana
Camarhynchus pallidus
Neomixis striatigula
Sturnus pagodarum
Xipholena punicea
Poecilotriccus ruficeps
Chlorornis riefferii
Cacicus chrysonotus
Dendrocincla merula
Onychognathus tenuirostris
Colluricincla megarhyncha
Phrygilus plebejus
Emberiza rustica
Pooecetes gramineus
Spermophaga haematina
Sporophila melanogaster
Dendrocitta formosae
Muscisaxicola albilora
Zosterops mouroniensis
Spizixos semitorques
Laniocera hypopyrra
Pselliophorus tibialis
Stachyris striata
Diglossa gloriosissima
Sakesphorus melanothorax
Myiornis ecaudatus
Serinus serinus
Lophozosterops squamiceps
Aplonis brunneicapillus
Camaroptera simplex
Mecocerculus calopterus
Lalage melanoleuca
Thryothorus genibarbis
Grallaria varia
Myornis senilis
Myrmeciza atrothorax
Grallaria ruficapilla
Ammodramus bairdii
Emberiza caesia
Oculocincta squamifrons
Zoothera mendeni
Serinus citrinelloides
Empidonomus varius
Asthenes patagonica
Vermivora crissalis
Corapipo altera
Batis minor
Diglossa cyanea
Ficedula strophiata
Epimachus albertisi
Serinus capistratus
Smithornis capensis
Lipaugus vociferans
Turdus obscurus
Mirafra passerina
Hemitriccus josephinae
Calandrella brachydactyla
Corvus brachyrhynchos
Myrmorchilus strigilatus
Garrulax pectoralis
Scytalopus speluncae
Brachypteryx leucophrys
Monarcha cinerascens
Ploceus bicolor
Nectarinia mariquensis
Hypoedaleus guttatus
Amblyornis macgregoriae
Myiotheretes fumigatus
Hylexetastes perrotii
Atlapetes melanopsis
Coracina ostenta
Cyanocompsa cyanoides
Malurus elegans
Poecilotriccus plumbeiceps
Zoothera naevia
Pachyramphus viridis
Neoxolmis rufiventris
Scytalopus parvirostris
Tachycineta thalassina
Lamprotornis australis
Ramphotrigon megacephalum
Orthonyx spaldingii
Rhagologus leucostigma
Myiarchus tuberculifer
Garrulax subunicolor
Thamnophilus cryptoleucus
Hemispingus verticalis
Wilsonia canadensis
Myiodynastes luteiventris
Telophorus bocagei
Cosmopsarus regius
Terpsiphone cinnamomea
Anthus similis
Peneothello cyanus
Lophozosterops superciliaris
Donacobius atricapilla
Sylvia undata
Garrulax taewanus
Estrilda troglodytes
Stachyris striolata
Bradypterus victorini
Dendroica nigrescens
Hypogramma hypogrammicum
Limnornis curvirostris
Estrilda paludicola
Cercomela tractrac
Zoothera piaggiae
Calandrella cheleensis
Thryothorus maculipectus
Garrulax poecilorhynchus
Turdus nudigenis
Sapayoa aenigma
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Sitta carolinensis
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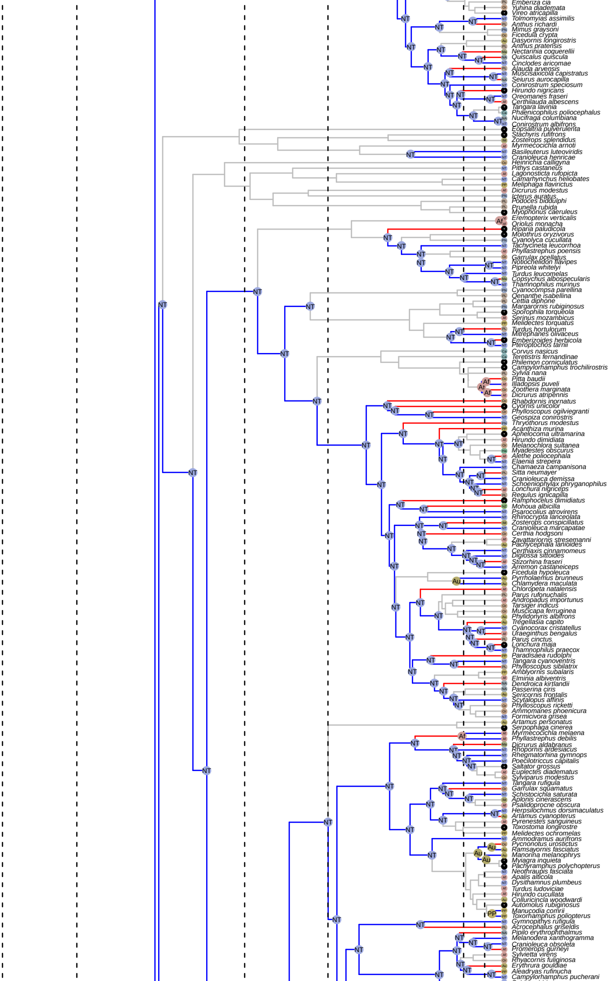
Dicrurus ludwigii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Anthus pratensis
Nectarinia coquerellii
Quiscalus quiscula
Cinclodes aricomae
Alauda arvensis
Muscisaxicola capistratus
Seiurus aurocapilla
Conirostrum speciosum
Hirundo nigricans
Oreomanes fraseri
Certhilauda albescens
Tangara lavinia
Phaenicophilus poliocephalus
Nucifraga columbiana
Conirostrum albifrons
Eopsaltria pulverulenta
Stachyris rufifrons
Zosterops splendidus
Myrmecocichla arnoti
Basileuterus luteoviridis
Cranioleuca henricae
Heinrichia calligyna
Pithys castaneus
Lagonosticta rufopicta
Camarhynchus heliobates
Meliphaga flavirictus
Dicrurus modestus
Icterus auratus
Podoces biddulphi
Prunella rubida
Myophonus caeruleus
Eremopterix verticalis
Oriolus monacha
Riparia paludicola
Molothrus oryzivorus
Cyanolyca cucullata
Tachycineta leucorrhoa
Phyllastrephus poensis
Garrulax ocellatus
Notiochelidon flavipes
Pipreola whitelyi
Turdus leucomelas
Copsychus albospecularis
Thamnophilus murinus
Cyanocompsa parellina
Oenanthe isabellina
Cettia diphone
Margarornis rubiginosus
Sporophila torqueola
Serinus mozambicus
Melidectes torquatus
Turdus hortulorum
Mitrephanes olivaceus
Emberizoides herbicola
Pteroptochos tarnii
Corvus nasicus
Teretistris fernandinae
Philemon corniculatus
Campylorhamphus trochilirostris
Sylvia nana
Pitta baudii
Illadopsis puveli
Zoothera marginata
Dicrurus atripennis
Rhabdornis inornatus
Cyornis unicolor
Phylloscopus ogilviegranti
Geospiza conirostris
Thryothorus modestus
Acanthiza murina
Aphelocoma ultramarina
Hirundo dimidiata
Melanochlora sultanea
Myadestes obscurus
Alethe poliocephala
Elaenia strepera
Chamaeza campanisona
Sitta neumayer
Cranioleuca demissa
Schoeniophylax phryganophilus
Lonchura nigriceps
Regulus ignicapilla
Ramphocelus dimidiatus
Mohoua albicilla
Psarocolius atrovirens
Rhinocrypta lanceolata
Zosterops conspicillatus
Cranioleuca marcapatae
Certhia hodgsoni
Zavattariornis stresemanni
Pachycephala lanioides
Certhiaxis cinnamomeus
Diglossa sittoides
Stizorhina fraseri
Arremon castaneiceps
Ficedula hypoleuca
Pyrrholaemus brunneus
Chlamydera maculata
Chloropeta natalensis
Parus rufonuchalis
Andropadus importunus
Tarsiger indicus
Muscicapa ferruginea
Phylidonyris albifrons
Tregellasia capito
Cyanocorax cristatellus
Uraeginthus bengalus
Parus cinctus
Lonchura maja
Thamnophilus praecox
Paradisaea rudolphi
Tangara cyanoventris
Phylloscopus sibilatrix
Amblyornis subalaris
Elminia albiventris
Dendroica kirtlandii
Passerina ciris
Sericornis frontalis
Scytalopus affinis
Phylloscopus ricketti
Ammomanes phoenicura
Formicivora grisea
Artamus personatus
Serpophaga cinerea
Myrmecocichla melaena
Phyllastrephus debilis
Dicrurus aldabranus
Rhopornis ardesiacus
Rhegmatorhina gymnops
Poecilotriccus capitalis
Saltator grossus
Euplectes diadematus
Sylviparus modestus
Tangara rufigula
Garrulax squamatus
Schistocichla saturata
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Psalidoprocne obscura
Herpsilochmus dorsimaculatus
Artamus cyanopterus
Pyrenestes sanguineus
Toxostoma longirostre
Melidectes ochromelas
Ammodramus aurifrons
Pycnonotus urostictus
Ramsayornis fasciatus
Manorina melanophrys
Myiagra inquieta
Pachyramphus polychopterus
Neothraupis fasciata
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Dysithamnus plumbeus
Turdus ludoviciae
Hirundo cucullata
Colluricincla woodwardi
Automolus rubiginosus
Manucodia comrii
Toxorhamphus poliopterus
Gymnopithys rufigula
Acrocephalus griseldis
Pipilo erythrophthalmus
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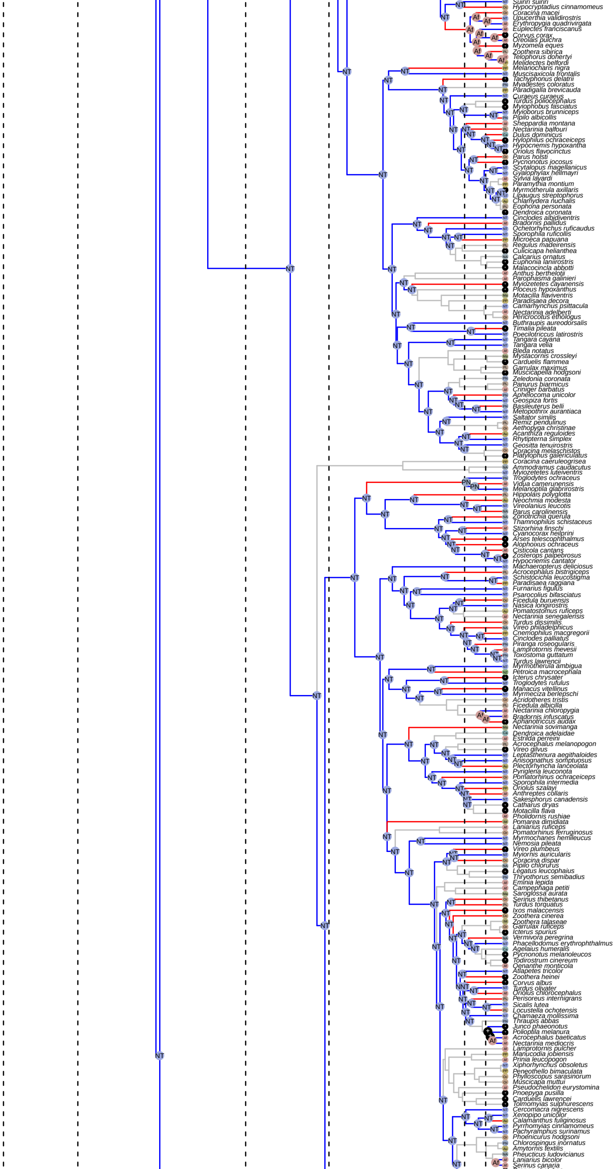
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Oreolais pulchra
Myzomela eques
Zoothera sibirica
Telophorus dohertyi
Melidectes belfordi
Melanocharis nigra
Muscisaxicola frontalis
Tachyphonus delatrii
Myadestes coloratus
Paradigalla brevicauda
Curaeus curaeus
Turdus poliocephalus
Myiophobus fasciatus
Myioborus brunniceps
Pipilo albicollis
Sheppardia montana
Nectarinia balfouri
Dulus dominicus
Hylophilus ochraceiceps
Hypocnemis hypoxantha
Oriolus flavocinctus
Parus holsti
Pycnonotus jocosus
Scytalopus magellanicus
Gyalophylax hellmayri
Sylvia layardi
Paramythia montium
Myrmotherula axillaris
Lipaugus streptophorus
Chlamydera nuchalis
Eophona personata
Dendroica coronata
Cinclodes albidiventris
Bradornis pallidus
Ochetorhynchus ruficaudus
Sporophila ruficollis
Microeca papuana
Regulus madeirensis
Culicicapa helianthea
Calcarius ornatus
Euphonia laniirostris
Malacocincla abbotti
Anthus berthelotii
Parophasma galinieri
Myiozetetes cayanensis
Ploceus hypoxanthus
Motacilla flaviventris
Paradisaea decora
Camarhynchus psittacula
Nectarinia adelberti
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Buthraupis aureodorsalis
Timalia pileata
Poecilotriccus latirostris
Tangara cayana
Tangara velia
Bleda notatus
Mystacornis crossleyi
Carduelis flammea
Garrulax maximus
Muscicapella hodgsoni
Zeledonia coronata
Panurus biarmicus
Criniger barbatus
Aphelocoma unicolor
Geospiza fortis
Basileuterus belli
Metopothrix aurantiaca
Saltator similis
Remiz pendulinus
Aethopyga christinae
Acanthiza reguloides
Rhytipterna simplex
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Coracina melaschistos
Platylophus galericulatus
Coracina caeruleogrisea
Ammodramus caudacutus
Myiozetetes luteiventris
Troglodytes ochraceus
Vidua camerunensis
Melanoptila glabrirostris
Hippolais polyglotta
Neochmia modesta
Vireolanius leucotis
Parus carolinensis
Zonotrichia querula
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Stizorhina finschi
Cyanocorax heilprini
Arses telescophthalmus
Alophoixus ochraceus
Cisticola cantans
Zosterops palpebrosus
Hypocnemis cantator
Machaeropterus deliciosus
Acrocephalus bistrigiceps
Schistocichla leucostigma
Paradisaea raggiana
Furnarius figulus
Psarocolius bifasciatus
Ficedula buruensis
Nasica longirostris
Pomatostomus ruficeps
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Vireo philadelphicus
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Toxostoma guttatum
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Myrmotherula ambigua
Petroica macrocephala
Icterus chrysater
Troglodytes rufulus
Manacus vitellinus
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Ficedula albicilla
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Plectorhyncha lanceolata
Pyriglena leuconota
Pomatorhinus ochraceiceps
Sporophila intermedia
Oriolus szalayi
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Sakesphorus canadensis
Catharus dryas
Motacilla flava
Pholidornis rushiae
Pomarea dimidiata
Laniarius ruficeps
Pomatorhinus ferruginosus
Myrmochanes hemileucus
Nemosia pileata
Vireo plumbeus
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Pipilo chlorurus
Legatus leucophaius
Thryothorus semibadius
Eminia lepida
Campephaga petiti
Saroglossa aurata
Serinus thibetanus
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Ixos malaccensis
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Zoothera talaseae
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Icterus spurius
Vermivora peregrina
Phacellodomus erythrophthalmus
Agelaius humeralis
Pycnonotus melanoleucos
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Oenanthe monticola
Atlapetes tricolor
Zoothera heinei
Corvus albus
Turdus olivater
Oriolus chlorocephalus
Perisoreus internigrans
Sicalis lutea
Locustella ochotensis
Chamaeza mollissima
Thraupis abbas
Junco phaeonotus
Polioptila melanura
Acrocephalus baeticatus
Nectarinia mediocris
Lamprotornis pulcher
Manucodia jobiensis
Prinia leucopogon
Xiphorhynchus obsoletus
Peneothello bimaculata
Phylloscopus sarasinorum
Muscicapa muttui
Pseudochelidon eurystomina
Pnoepyga pusilla
Carduelis lawrencei
Tolmomyias sulphurescens
Cercomacra nigrescens
Xenopipo unicolor
Calamanthus fuliginosus
Pyrrhomyias cinnamomeus
Pachyramphus surinamus
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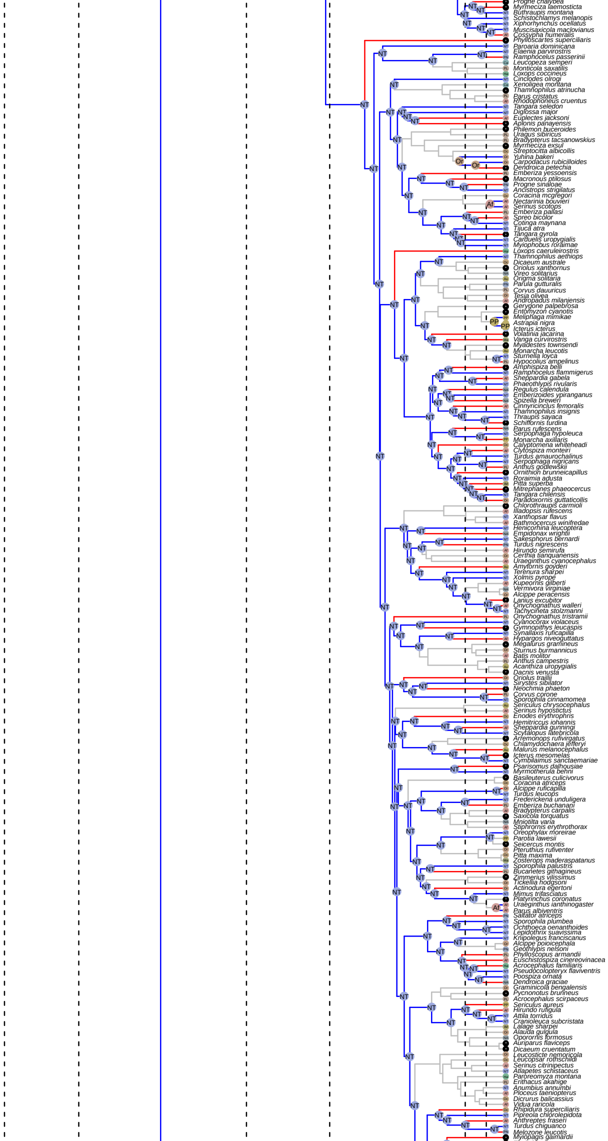
Chlorospingus inornatus
Amytornis textilis
Pheucticus ludovicianus
Laniarius bicolor
Serinus canaria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Cossypha humeralis
Phylloscartes superciliaris
Paroaria dominicana
Elaenia parvirostris
Ramphocelus passerinii
Leucopeza semperi
Monticola saxatilis
Loxops coccineus
Cinclodes olrogi
Xenoligea montana
Thamnophilus atrinucha
Parus cristatus
Rhodophoneus cruentus
Tangara seledon
Diglossa major
Euplectes jacksoni
Aplonis panayensis
Philemon buceroides
Uragus sibiricus
Bradypterus tacsanowskius
Myrmeciza exsul
Streptocitta albicollis
Yuhina bakeri
Carpodacus rubicilloides
Dendroica petechia
Emberiza yessoensis
Macronous ptilosus
Progne sinaloae
Ancistrops strigilatus
Coracina mcgregori
Nectarinia bouvieri
Serinus scotops
Emberiza pallasi
Spreo bicolor
Cotinga maynana
Tijuca atra
Tangara gyrola
Carduelis uropygialis
Myiophobus roraimae
Loxops caeruleirostris
Thamnophilus aethiops
Dicaeum australe
Oriolus xanthornus
Vireo solitarius
Origma solitaria
Parula gutturalis
Corvus dauuricus
Tesia olivea
Andropadus milanjensis
Gerygone palpebrosa
Entomyzon cyanotis
Meliphaga mimikae
Astrapia nigra
Icterus icterus
Volatinia jacarina
Vanga curvirostris
Myadestes townsendi
Monarcha leucotis
Sturnella loyca
Hypocolius ampelinus
Amphispiza belli
Ramphocelus flammigerus
Sheppardia gabela
Phaeothlypis rivularis
Regulus calendula
Emberizoides ypiranganus
Spizella breweri
Cinnyricinclus femoralis
Thamnophilus insignis
Thraupis sayaca
Schiffornis turdina
Parus rufescens
Serpophaga hypoleuca
Monarcha axillaris
Calyptomena whiteheadi
Clytospiza monteiri
Turdus amaurochalinus
Serpophaga nigricans
Anthus godlewskii
Ornithion brunneicapillus
Roraimia adusta
Pitta superba
Mitrephanes phaeocercus
Tangara chilensis
Paradoxornis guttaticollis
Chlorothraupis carmioli
Illadopsis rufescens
Xanthopsar flavus
Bathmocercus winifredae
Henicorhina leucoptera
Empidonax wrightii
Sakesphorus bernardi
Turdus nigrescens
Hirundo semirufa
Certhia tianquanensis
Uraeginthus cyanocephalus
Amytornis goyderi
Terenura sharpei
Xolmis pyrope
Kupeornis gilberti
Vermivora virginiae
Alcippe peracensis
Lanius excubitor
Onychognathus walleri
Tachycineta stolzmanni
Onychognathus tristramii
Cyanocorax violaceus
Gymnopithys leucaspis
Synallaxis ruficapilla
Hypargos niveoguttatus
Megalurus gramineus
Sturnus burmannicus
Batis molitor
Anthus campestris
Acanthiza uropygialis
Dacnis venusta
Oriolus traillii
Sirystes sibilator
Neochmia phaeton
Corvus corone
Sporophila cinnamomea
Sericulus chrysocephalus
Serinus hypostictus
Enodes erythrophris
Hemitriccus iohannis
Sheppardia gunningi
Scytalopus latebricola
Arremonops rufivirgatus
Chlamydochaera jefferyi
Malurus melanocephalus
Icterus mesomelas
Cymbilaimus sanctaemariae
Psarisomus dalhousiae
Myrmotherula behni
Basileuterus culicivorus
Coracina atriceps
Alcippe ruficapilla
Turdus leucops
Frederickena unduligera
Emberiza buchanani
Bradypterus carpalis
Saxicola torquatus
Mniotilta varia
Stiphrornis erythrothorax
Oreophylax moreirae
Parotia lawesii
Seicercus montis
Pteruthius rufiventer
Pitta maxima
Zosterops maderaspatanus
Sporophila palustris
Bucanetes githagineus
Zimmerius vilissimus
Tickellia hodgsoni
Actinodura egertoni
Mimus trifasciatus
Platyrinchus coronatus
Uraeginthus ianthinogaster
Parus albiventris
Saltator atriceps
Sporophila plumbea
Ochthoeca oenanthoides
Lepidothrix suavissima
Knipolegus franciscanus
Alcippe poioicephala
Geothlypis nelsoni
Phylloscopus armandii
Euschistospiza cinereovinacea
Acrocephalus familiaris
Pseudocolopteryx flaviventris
Poospiza ornata
Dendroica graciae
Graminicola bengalensis
Pycnonotus brunneus
Acrocephalus scirpaceus
Sericulus aureus
Hirundo rufigula
Attila torridus
Cranioleuca subcristata
Lalage sharpei
Alauda gulgula
Oporornis formosus
Auriparus flaviceps
Dicaeum cruentatum
Leucosticte nemoricola
Leucopsar rothschildi
Serinus citrinipectus
Atlapetes schistaceus
Paroreomyza montana
Erithacus akahige
Anumbius annumbi
Ploceus taeniopterus
Dicrurus balicassius
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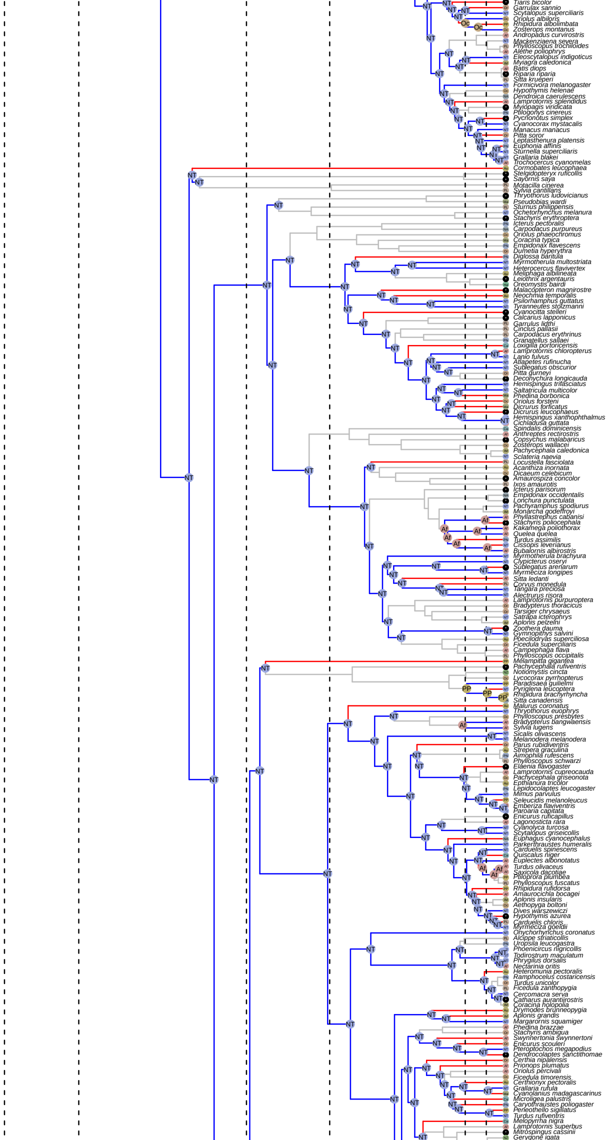
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Sitta krueperi
Formicivora melanogaster
Hypothymis helenae
Dendroica caerulescens
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Myiopagis viridicata
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Pycnonotus simplex
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Manacus manacus
Pitta soror
Leptasthenura platensis
Euphonia affinis
Sturnella superciliaris
Grallaria blakei
Trochocercus cyanomelas
Cormobates leucophaea
Stelgidopteryx ruficollis
Sayornis saya
Motacilla cinerea
Sylvia cantillans
Thryothorus ludovicianus
Pseudobias wardi
Sturnus philippensis
Ochetorhynchus melanura
Stachyris erythroptera
Icterus pectoralis
Carpodacus purpureus
Oriolus phaeochromus
Coracina typica
Empidonax flavescens
Dumetia hyperythra
Diglossa baritula
Myrmotherula multostriata
Heterocercus flavivertex
Meliphaga albilineata
Leiothrix argentauris
Oreomystis bairdi
Malacopteron magnirostre
Neochmia temporalis
Psilorhamphus guttatus
Tyranneutes stolzmanni
Cyanocitta stelleri
Calcarius lapponicus
Garrulus lidthi
Cinclus pallasii
Carpodacus erythrinus
Granatellus sallaei
Loxigilla portoricensis
Lamprotornis chloropterus
Lanio fulvus
Atlapetes rufinucha
Sublegatus obscurior
Pitta gurneyi
Deconychura longicauda
Hemispingus trifasciatus
Saltatricula multicolor
Phedina borbonica
Oriolus forsteni
Dicrurus forficatus
Dicrurus leucophaeus
Hemispingus xanthophthalmus
Cichladusa guttata
Spindalis dominicensis
Anthreptes rectirostris
Copsychus malabaricus
Zosterops wallacei
Pachycephala caledonica
Sclateria naevia
Locustella fasciolata
Acanthiza inornata
Dicaeum celebicum
Amaurospiza concolor
Ixos amaurotis
Icterus parisorum
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Lonchura punctulata
Pachyramphus spodiurus
Monarcha godeffroyi
Phyllastrephus cabanisi
Stachyris poliocephala
Kakamega poliothorax
Quelea quelea
Turdus assimilis
Cissopis leverianus
Bubalornis albirostris
Myrmotherula brachyura
Clypicterus oseryi
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Sitta ledanti
Corvus monedula
Tangara preciosa
Alectrurus risora
Lamprotornis purpuroptera
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Malurus coronatus
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Phylloscopus presbytes
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Sicalis olivascens
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Pachycephala griseonota
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Lepidocolaptes leucogaster
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Emberiza flaviventris
Paroaria capitata
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Lagonosticta rara
Cyanolyca turcosa
Scytalopus griseicollis
Euphagus cyanocephalus
Parkerthraustes humeralis
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Quiscalus niger
Euplectes albonotatus
Turdus olivaceus
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Ptiloprora plumbea
Phylloscopus fuscatus
Rhipidura rufidorsa
Amaurocichla bocagei
Aplonis insularis
Aethopyga boltoni
Dives warszewiczi
Hypothymis azurea
Carduelis chloris
Myrmeciza goeldii
Onychorhynchus coronatus
Alcippe striaticollis
Uropsila leucogastra
Phoenicircus nigricollis
Todirostrum maculatum
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Heteromunia pectoralis
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Catharus aurantiirostris
Coracina holopolia
Drymodes brunneopygia
Aplonis grandis
Margarornis squamiger
Phedina brazzae
Stachyris ambigua
Swynnertonia swynnertoni
Enicurus scouleri
Pteroptochos megapodius
Dendrocolaptes sanctithomae
Certhia nipalensis
Prionops plumatus
Oriolus percivali
Ficedula timorensis
Certhionyx pectoralis
Grallaria rufula
Cyanolanius madagascarinus
Microligea palustris
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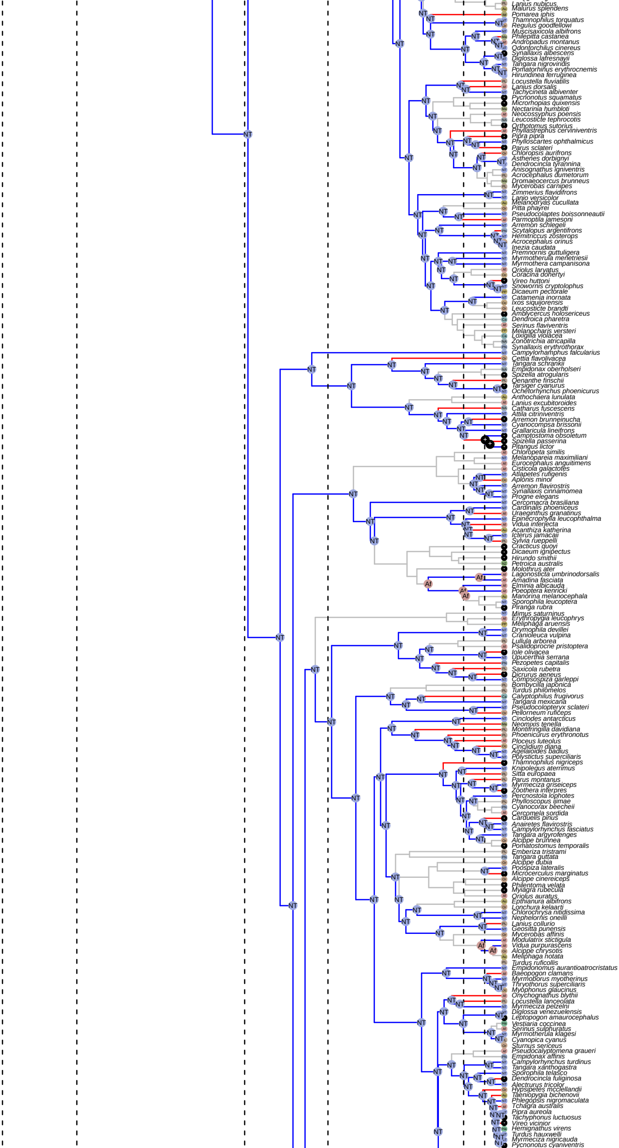
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Synallaxis albescens
Diglossa lafresnayii
Tangara nigroviridis
Pomatorhinus erythrocnemis
Hirundinea ferruginea
Locustella fluviatilis
Lanius dorsalis
Tachycineta albiventer
Pycnonotus squamatus
Microrhopias quixensis
Nectarinia humbloti
Neocossyphus poensis
Leucosticte tephrocotis
Orthotomus sutorius
Phyllastrephus cerviniventris
Pipra pipra
Phylloscartes ophthalmicus
Parus sclateri
Chloropsis aurifrons
Asthenes dorbignyi
Dendrocincla tyrannina
Anisognathus igniventris
Acrocephalus dumetorum
Dromaeocercus brunneus
Mycerobas carnipes
Zimmerius flavidifrons
Lanio versicolor
Melanodryas cucullata
Pitta phayrei
Pseudocolaptes boissonneautii
Parmoptila jamesoni
Arremon schlegeli
Scytalopus argentifrons
Hemitriccus zosterops
Acrocephalus orinus
Inezia caudata
Premnornis guttuligera
Myrmotherula menetriesii
Myrmothera campanisona
Oriolus larvatus
Coracina dohertyi
Vireo huttoni
Snowornis cryptolophus
Dicaeum pectorale
Catamenia inornata
Ixos siquijorensis
Leucosticte brandti
Amblycercus holosericeus
Dendroica pharetra
Serinus flaviventris
Melanocharis versteri
Loxigilla violacea
Zonotrichia atricapilla
Synallaxis erythrothorax
Campylorhamphus falcularius
Cettia flavolivacea
Tangara schrankii
Empidonax oberholseri
Spizella atrogularis
Oenanthe finschii
Tarsiger cyanurus
Ochetorhynchus phoenicurus
Anthochaera lunulata
Lanius excubitoroides
Catharus fuscescens
Attila citriniventris
Arremon brunneinucha
Cyanocompsa brissonii
Grallaricula lineifrons
Camptostoma obsoletum
Spizella passerina
Pitangus lictor
Chloropeta similis
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Eurocephalus anguitimens
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Molothrus ater
Lagonosticta umbrinodorsalis
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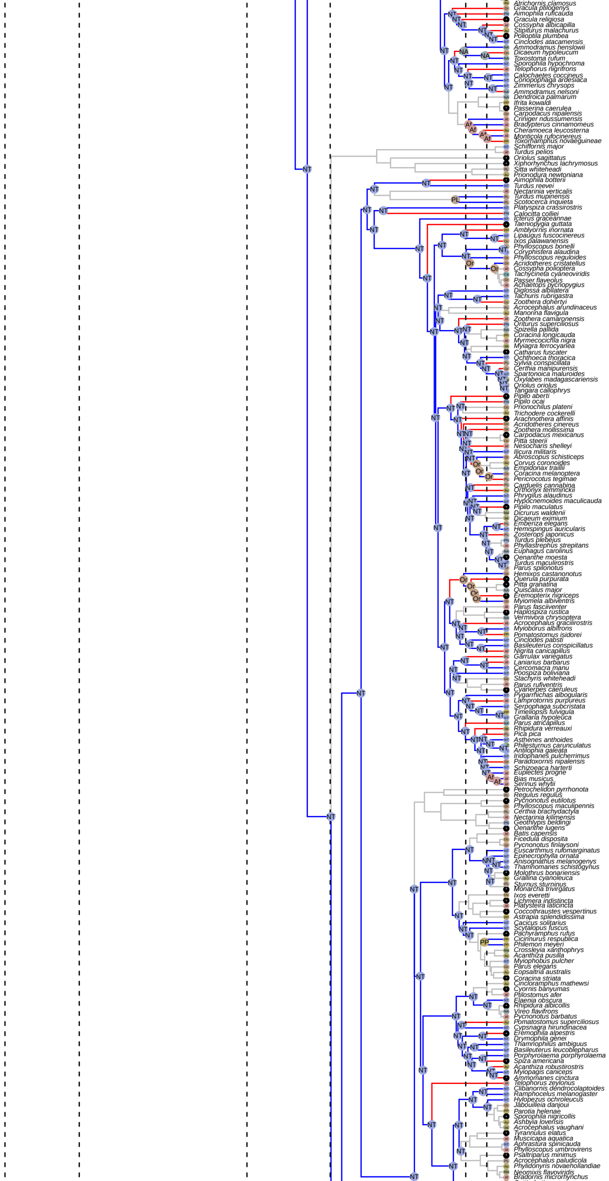
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Cheramoeca leucosterna
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Toxorhamphus novaeguineae
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Xiphorhynchus lachrymosus
Sitta whiteheadi
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Aimophila botterii
Turdus reevei
Nectarinia verticalis
Turdus mupinensis
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Calocitta colliei
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Amblyornis inornata
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Coryphistera alaudina
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Passer flaveolus
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Zoothera camaronensis
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Myrmecocichla nigra
Myiagra ferrocyanea
Catharus fuscater
Ochthoeca thoracica
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Spartonoica maluroides
Oxylabes madagascariensis
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Euplectes progne
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Batis capensis
Ficedula disposita
Pycnonotus finlaysoni
Euscarthmus rufomarginatus
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Grallina cyanoleuca
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Monarcha trivirgatus
Ixos everetti
Lichmera indistincta
Platysteira laticincta
Coccothraustes vespertinus
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Cacicus solitarius
Scytalopus fuscus
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Cicinnurus respublica
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Drymophila genei
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Ramphocelus melanogaster
Hylopezus ochroleucus
Jabouilleia danjoui
Parotia helenae
Sporophila nigricollis
Ashbyia lovensis
Acrocephalus vaughani
Tyrannulus elatus
Muscicapa aquatica
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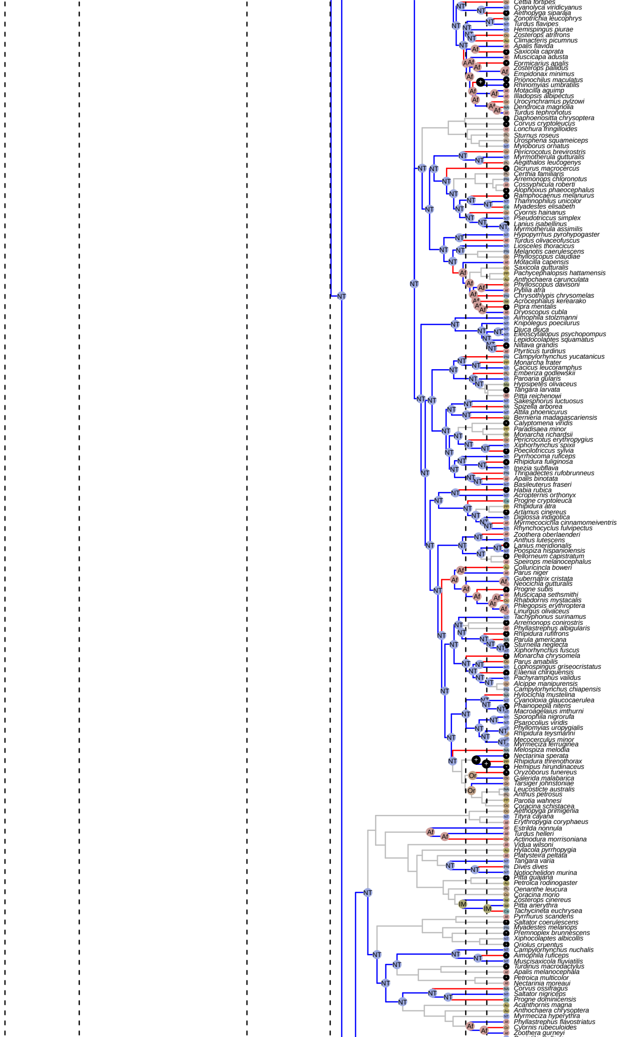
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Apalis flavida
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Zosterops pallidus
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Urocynchramus pylzowi
Dendroica magnolia
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Daphoenositta chrysoptera
Corvus cryptoleucus
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Myioborus ornatus
Pericrocotus brevirostris
Myrmotherula gutturalis
Aegithalos leucogenys
Dicrurus macrocercus
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Cossyphicula roberti
Alophoixus phaeocephalus
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Thamnophilus unicolor
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Cyornis hainanus
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Lanius isabellinus
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Anthochaera carunculata
Phylloscopus davisoni
Pytilia afra
Chrysothlypis chrysomelas
Acrocephalus kerearako
Pipra mentalis
Dryoscopus cubla
Aimophila stolzmanni
Knipolegus poecilurus
Diuca diuca
Eleoscytalopus psychopompus
Lepidocolaptes squamatus
Niltava grandis
Ptyrticus turdinus
Campylorhynchus yucatanicus
Monarcha frater
Cacicus leucoramphus
Emberiza godlewskii
Paroaria gularis
Hypsipetes olivaceus
Tangara larvata
Pitta reichenowi
Sakesphorus luctuosus
Spizella arborea
Attila phoenicurus
Bernieria madagascariensis
Calyptomena viridis
Paradisaea minor
Monarcha richardsii
Pericrocotus erythropygius
Xiphorhynchus spixii
Poecilotriccus sylvia
Pyrrhocoma ruficeps
Rhipidura fuliginosa
Inezia subflava
Thripadectes rufobrunneus
Apalis binotata
Basileuterus fraseri
Habia rubica
Acropternis orthonyx
Progne cryptoleuca
Rhipidura atra
Artamus cinereus
Diglossa indigotica
Myrmecocichla cinnamomeiventris
Rhynchocyclus fulvipectus
Zoothera oberlaenderi
Anthus lutescens
Lanius meridionalis
Poospiza hispaniolensis
Pellorneum capistratum
Speirops melanocephalus
Colluricincla boweri
Parus niger
Gubernatrix cristata
Neocichla gutturalis
Progne subis
Muscicapa sethsmithi
Rhabdornis mystacalis
Phlegopsis erythroptera
Linurgus olivaceus
Tachyphonus surinamus
Arremonops conirostris
Phyllastrephus albigularis
Rhipidura rufifrons
Parula americana
Sturnella neglecta
Xiphorhynchus fuscus
Monarcha chrysomela
Parus amabilis
Lophospingus griseocristatus
Elaenia chiriquensis
Pachyramphus validus
Alcippe manipurensis
Campylorhynchus chiapensis
Hylocichla mustelina
Cyanoloxia glaucocaerulea
Phainopepla nitens
Macroagelaius imthurni
Sporophila nigrorufa
Psarocolius viridis
Phyllomyias uropygialis
Rhipidura teysmanni
Mecocerculus minor
Myrmeciza ferruginea
Melospiza melodia
Nectarinia sperata
Rhipidura threnothorax
Hemipus hirundinaceus
Oryzoborus funereus
Galerida malabarica
Tarsiger johnstoniae
Leucosticte australis
Anthus petrosus
Parotia wahnesi
Coracina schistacea
Aethopyga primigenia
Tityra cayana
Erythropygia coryphaeus
Estrilda nonnula
Turdus helleri
Actinodura morrisoniana
Vidua wilsoni
Hylacola pyrrhopygia
Platysteira peltata
Tangara varia
Dives dives
Notiochelidon murina
Pitta guajana
Petroica rodinogaster
Oenanthe leucura
Coracina morio
Zosterops cinereus
Pitta anerythra
Tachycineta euchrysea
Pyrrhurus scandens
Saltator coerulescens
Myadestes melanops
Premnoplex brunnescens
Xiphocolaptes albicollis
Oriolus cruentus
Campylorhynchus nuchalis
Aimophila ruficeps
Muscisaxicola fluviatilis
Turdinus macrodactylus
Apalis melanocephala
Petroica multicolor
Nectarinia moreaui
Corvus ossifragus
Saltator nigriceps
Progne dominicensis
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Anthochaera chrysoptera
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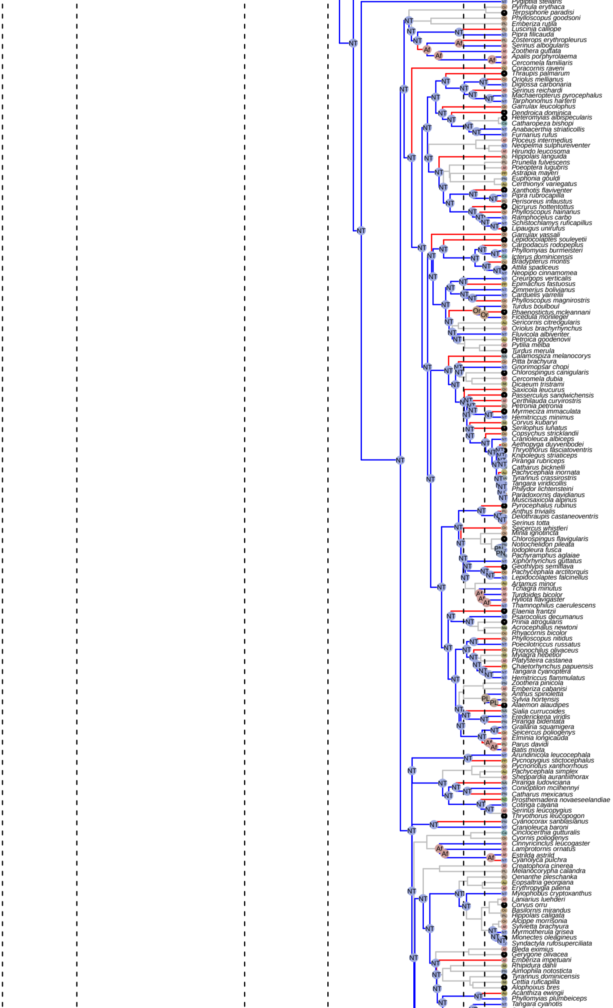
Phyllastrephus flavostriatus
Cyornis rubeculoides
Zoothera gurneyi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Emberiza rutila
Luscinia calliope
Pipra filicauda
Zosterops erythropleurus
Serinus albogularis
Zoothera guttata
Apalis porphyrolaema
Cercomela familiaris
Coracornis raveni
Thraupis palmarum
Oriolus mellianus
Diglossa carbonaria
Serinus reichardi
Machaeropterus pyrocephalus
Tarphonomus harterti
Garrulax leucolophus
Dendroica dominica
Heteromyias albispecularis
Catharopeza bishopi
Anabacerthia striaticollis
Furnarius rufus
Ploceus intermedius
Neopelma sulphureiventer
Hirundo leucosoma
Hippolais languida
Prunella fulvescens
Poeoptera lugubris
Astrapia mayeri
Euphonia gouldi
Certhionyx variegatus
Xanthotis flaviventer
Pipra rubrocapilla
Perisoreus infaustus
Dicrurus hottentottus
Phylloscopus hainanus
Ramphocelus carbo
Schistochlamys ruficapillus
Lipaugus unirufus
Garrulax vassali
Lepidocolaptes souleyetii
Carpodacus rodopeplus
Phyllomyias burmeisteri
Icterus dominicensis
Bradypterus montis
Attila spadiceus
Neopipo cinnamomea
Creurgops verticalis
Epimachus fastuosus
Zimmerius bolivianus
Carduelis yarrellii
Phylloscopus magnirostris
Turdus boulboul
Phaenostictus mcleannani
Ficedula monileger
Sericornis citreogularis
Oriolus brachyrhynchus
Fluvicola albiventer
Petroica goodenovii
Pytilia melba
Turdus merula
Calamospiza melanocorys
Pitta brachyura
Gnorimopsar chopi
Chlorospingus canigularis
Cercomela dubia
Dicaeum tristrami
Saxicola leucurus
Passerculus sandwichensis
Certhilauda curvirostris
Petronia petronia
Myrmeciza immaculata
Hemitriccus minimus
Corvus kubaryi
Serilophus lunatus
Copsychus stricklandii
Cranioleuca albiceps
Aethopyga duyvenbodei
Thryothorus fasciatoventris
Knipolegus striaticeps
Piranga rubriceps
Catharus bicknelli
Pachycephala inornata
Tyrannus crassirostris
Tangara viridicollis
Philydor lichtensteini
Paradoxornis davidianus
Muscisaxicola alpinus
Pyrocephalus rubinus
Anthus trivialis
Delothraupis castaneoventris
Serinus totta
Seicercus whistleri
Minla ignotincta
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Notiochelidon pileata
Iodopleura fusca
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Lepidocolaptes falcinellus
Artamus minor
Tchagra minutus
Turdoides bicolor
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Thamnophilus caerulescens
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Psarocolius decumanus
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Poecilotriccus russatus
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Myiagra hebetior
Platysteira castanea
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Tangara cyanoptera
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Emberiza cabanisi
Anthus spinoletta
Sylvia hortensis
Alaemon alaudipes
Sialia currucoides
Frederickena viridis
Piranga bidentata
Grallaria squamigera
Seicercus poliogenys
Elminia longicauda
Parus davidi
Batis mixta
Arundinicola leucocephala
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Pycnonotus xanthorrhous
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Piranga ludoviciana
Conioptilon mcilhennyi
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Thryothorus leucopogon
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Cranioleuca baroni
Cinclocerthia gutturalis
Cyornis poliogenys
Cinnyricinclus leucogaster
Lamprotornis ornatus
Estrilda astrild
Cyanolyca pulchra
Creatophora cinerea
Melanocorypha calandra
Oenanthe pleschanka
Eopsaltria georgiana
Erythropygia paena
Myiophobus cryptoxanthus
Laniarius luehderi
Corvus orru
Basilornis mirandus
Hippolais caligata
Alcippe morrisonia
Sylvietta brachyura
Myrmotherula grisea
Mionectes oleagineus
Syndactyla rufosuperciliata
Bleda eximius
Gerygone olivacea
Emberiza impetuani
Rhipidura dahli
Aimophila notosticta
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Alophoixus bres
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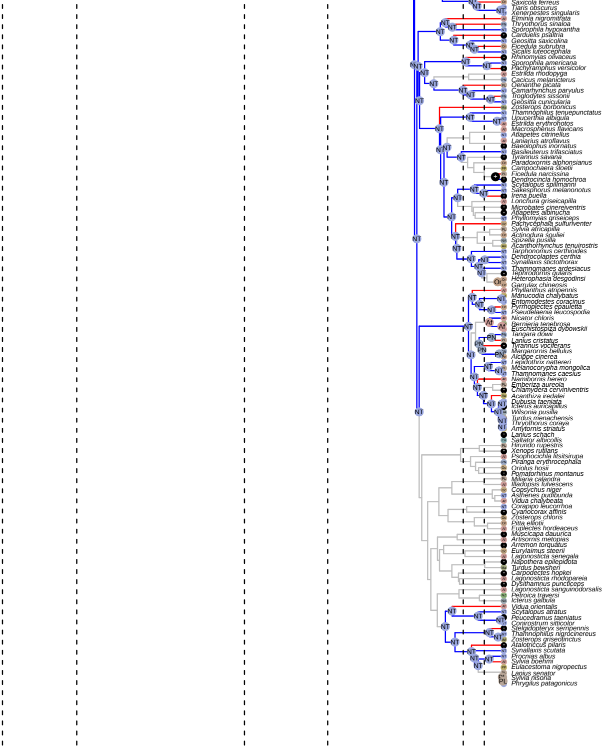
Phyllomyias plumbeiceps
Tangara cyanotis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Ficedula subrubra
Sicalis luteocephala
Rhinomyias olivaceus
Sporophila americana
Pachyramphus versicolor
Estrilda rhodopyga
Cacicus melanicterus
Oenanthe picata
Camarhynchus parvulus
Troglodytes sissonii
Geositta cunicularia
Zosterops borbonicus
Thamnophilus tenuepunctatus
Upucerthia albigula
Estrilda erythronotos
Macrosphenus flavicans
Atlapetes citrinellus
Laniarius atroflavus
Baeolophus inornatus
Basileuterus trifasciatus
Tyrannus savana
Paradoxornis alphonsianus
Campochaera sloetii
Ficedula narcissina
Dendrocincla homochroa
Scytalopus spillmanni
Sakesphorus melanonotus
Irena puella
Lonchura griseicapilla
Microbates cinereiventris
Atlapetes albinucha
Phyllomyias griseiceps
Pachycephala sulfuriventer
Sylvia atricapilla
Actinodura souliei
Spizella pusilla
Acanthorhynchus tenuirostris
Tarphonomus certhioides
Dendrocolaptes certhia
Synallaxis stictothorax
Thamnomanes ardesiacus
Tephrodornis gularis
Heterophasia desgodinsi
Garrulax chinensis
Phyllanthus atripennis
Manucodia chalybatus
Entomodestes coracinus
Pyrrhoplectes epauletta
Pseudelaenia leucospodia
Nicator chloris
Bernieria tenebrosa
Euschistospiza dybowskii
Tangara dowii
Lanius cristatus
Tyrannus vociferans
Margarornis bellulus
Alcippe cinerea
Lepidothrix nattereri
Melanocorypha mongolica
Thamnomanes caesius
Namibornis herero
Emberiza aureola
Chlamydera cerviniventris
Acanthiza iredalei
Dubusia taeniata
Icterus auricapillus
Wilsonia pusilla
Turdus menachensis
Thryothorus coraya
Amytornis striatus
Lanius schach
Saltator albicollis
Hirundo rupestris
Xenops rutilans
Psophocichla litsitsirupa
Piranga erythrocephala
Oriolus hosii
Pomatorhinus montanus
Miliaria calandra
Illadopsis fulvescens
Copsychus niger
Asthenes pudibunda
Vidua chalybeata
Corapipo leucorrhoa
Cyanocorax affinis
Zosterops chloris
Pitta elliotii
Euplectes hordeaceus
Muscicapa dauurica
Artisornis metopias
Arremon torquatus
Eurylaimus steerii
Lagonosticta senegala
Napothera epilepidota
Turdus bewsheri
Carpodectes hopkei
Lagonosticta rhodopareia
Dysithamnus puncticeps
Lagonosticta sanguinodorsalis
Petroica traversi
Icterus galbula
Vidua orientalis
Scytalopus atratus
Peucedramus taeniatus
Conirostrum sitticolor
Stelgidopteryx serripennis
Thamnophilus nigrocinereus
Zosterops griseotinctus
Atalotriccus pilaris
Synallaxis scutata
Procnias albus
Sylvia boehmi
Eulacestoma nigropectus
Lanius senator
Sylvia nisoria
Phrygilus patagonicus

Supplementary Figure 3. Ancestral areas of randomly shuffled (null) data-only passerine bird tree

One randomly shuffled (null) tree with the same tip names as in Fig. S4 with the ancestral areas depicted for each node according to the 75% threshold. Blue lineages represent *in situ* speciation events, red lineages represent dispersal events and grey lineages are omitted from the analysis because a given area cannot be assigned with more than 75% probability.