## Simulated Tree Re-estimated Tree Ateles\_fusciceps Ateles\_belzebuth Ateles\_geoffroyi Ateles\_hybridus Ateles\_paniscus Semnopithecus\_hector Semnopithecus\_antollus Ateles\_fusciceps • Ateles\_belzebuth • Ateles\_geoffroyi Ateles\_hybridus Ateles\_paniscus Ateles\_parisons Semnopithecus\_hector Semnopithecus\_entellus Callithrix\_kuhlii Callithrix\_saterei Callithrix\_rondoni Callithrix\_pygmaea Callithrix\_emiliae Callithrix\_argentata Callithrix\_mauesi Phaner\_furcifer Semnopithecus\_hector Semnopithecus\_entellus 🔨 Callithrix\_argentata Callithrix\_kuhlii Callithrix\_emiliae Callithrix\_pygmaea Callithrix\_melanura Callithrix\_humeralifera Callithrix\_melanura — Callithrix\_aurita Callithrix\_penicillata Callithrix\_mauesi Callithrix\_aurita Callithrix\_jacchus Callithrix\_penicillata Callithrix\_humeralifera Callithrix\_humilis Callithrix\_jacchus Rhinopithecus\_roxellana Rhinopithecus\_strykeri Rhinopithecus\_bieti -Rhinopithecus\_roxellana Nhinopithecus\_strykeri Rhinopithecus\_strykeri Rhinopithecus\_bieti Rhinopithecus\_avunculus Rhinopithecus\_avunculus Rhinopithecus brelichi Uprephophis\_vupachimis Rhinopithecus\_brelichi Ophophecrerses\_omephupres Cruglepsapris\_oldivoldanis Nasalis\_larvatus Nasalis larvatus Cacajao\_calvus 🗸 Cacajao\_melanocephalus Cacajao\_calvus Cacajao\_melanocephalus Chiropotes\_albinasus Chiropotes\_satanas Cacajao\_rubicundus 🖊 **—** Śimiās\_concolor • Chiropotes\_satanas Daubentonia\_madagascariensis Cacajao\_rubicundus — Piliocolobus\_badius Simiás\_<del>c</del>oncolor — Procolobus\_verus —— Cercopithecus\_hamlyni Phaner\_furcifer — Cercopithecus\_nictitans Daubentonia\_madagascariensis Cercopithecus\_preussi Piliocolobus\_badius ——— Cercopithecus\_solatus Cercopithecus\_lhoesti Cercopithecus\_nictitans Cercopithecus\_wolfi Cercopithecus preussi Cercopithecus\_solatus Cercopithecus\_lhoesti Cercopithecus\_wolfi — Cercopithecus\_mitis Cercopithecus\_ascanius — Chlorocebus\_sabaeus Cercopithecus\_petaurista Cercopithecus\_mitis Chlorocebus\_cynosuros Chlorocebus\_cynosuros Cercopithecus\_ascanius Cercopithecus\_mona Chlorocebus sabaeus Chlorocebus\_aethiops Cercopithecus\_petaurista Cercopithecus\_neglectus Cercopithecus mona -— ' Procolobus\_verus 🗸 Chlorocebus\_aethiops Cercopithecus\_neglectus 🗕 Homo\_sapiens 🖊 Homo\_sapiens —— Presbytis\_melalophos Presbytis' melalophos — Presbytis\_comata 🥎 Presbytis\_comata — Symphalangus\_syndactylus Symphalangus\_syndactylus Miopithecus\_talapoin Nycticebus\_menágensiś Nycticebus\_menagensis • Nycticebus\_bengalensis Nycticebus\_pygmaeus Nycticebus\_pygmaeus Nycticebus\_javanicus Nycticebus\_coucang Nycticebus\_bengalensis Nycticebus\_coucang Miopithecus\_talapoĭn Nycticebus\_javanicus Mirza\_zaza ——— Mirza\_coquereli —— --- Mirza\_zaza 🛚 --- Mirza\_coquereli 🗸 Arctocebus\_calabarensis 🗕 Arctocebus\_calabarensis 🗸 Galagoides\_demidoff Galago\_gallarum ——— Otolemur\_crassicaudatus Galagoides demidoff Ğalago\_gallarum Galagoides\_zanzibaricus Otolemur\_crassicaudatus Galagoides\_zanzibaricus Galago\_granti Galago\_senegalensis Otolemur\_garnettii — Galago\_moholida Galago\_alleni Galago\_senegalensis 🗸 Otolemur\_garnettii 🧪 Galago\_moholi Brachvteles arachnoides —— Brachyteles\_arachnoides Brachyteles\_hypoxanthus Brachyteles\_hypoxanthus 🎤 Loris\_tardigradus 🕒 Hoolock\_leuconedys Hoolock\_hoolock — Loris\_tardigradus Hapalemur\_simus Hapalemur\_simus — Hapalemur\_griseus Hapalemur\_occidentalis Napalemur\_griseus ► Hapalemur\_aureus 🗸 Hapalemur\_occidentalis ▶ Lemur cat<del>ta</del> — Hoolock\_leuconedys Alouatta\_belzebul 🗕 Lemur\_catta 🗸 ★ Alouatta caraya Alouatta\_pigra Alouatta\_pigra Alouatta\_palliata Alouatta\_belzebul Alouatta\_palliata 🥕 ✔ Alouatta\_ˈsara Alouatta\_caraya V Alouatta\_guariba Gorilla\_beringei Alouatta\_sara 🖊 Alouatta\_guariba • Gorilla\_gorillă Gorilla\_beringei Tarsius\_tarsier Tarsius syrichta Gorilla\_gorilla 🖊 Varecia\_rubra — Tarsius\_tarsier Varecia\_variegata Tarsius\_syrichta Eulemur\_rufus Eulemur\_rufus Eulemur\_rubriventer Varecia\_rubra — Varecia\_variegata 🌶 Eulemur\_rufus • Eulemur\_macaco Eulemur\_coronatus Eulemur\_rubriventer Eulemur\_albifrons Eulemur\_mongoz Eulemur\_coronatus Eulemur\_macaco Trachypithecus\_auratus —— Eulemur\_albifrons Trachypithecus\_delacouri ——— Eulemur\_mongoz Leonfopithecus\_chrysomelas Trachypithecus\_auratus Leontopithecus\_rosalia Leontopithecus\_chrysopygus — Trachypithecus\_delacouri • Papio\_hamadryas Papio\_papio —— Leontopithecus\_chrysomelas Leontopithecus\_rosalia Papio\_kindae Papio\_ursinus Papio\_anubis 🗸 Papio\_hamadryas ▶ Papio\_anubis Papio\_papio Papio\_cynocephalus Papio\_ursinus Lophocebus\_albigena Papio\_cynocephalus Lophocebus\_aterrimus — Lophocebus\_albigena Nomascus\_concolor Nomascus\_siki — Lophocebus\_aterrimus Nomascus\_leucogenys Nomascus\_concolor Nomascus gabriĕllae Nomascus\_leucogenys Nomascus\_hainanus Nomascus\_siki 💙 Nomascus nasutus Nomascus\_gabriellae 🗸 Mandrillus\_sphinx — Mandrillus\_sphinx 🔻 Mandrillus\_leucophaeus 🗕 Mandrillus\_leucophaeus 🗸 Pithecia\_pithecia Pithecia\_irrorata Pithecia\_pithecia 🗸 Pithecia\_monachus Pithecia irrorata Microcebus\_sambiranensis Microcebus\_sambiranensis Microcebus\_berthae Microcebus\_berthae • Microcebus rufus Microcebus\_rufus Microcebus\_macarthurii Microcebus\_tavaratra Microcebus iollyae Microcebus\_lehilahytsara Microcebus\_márgotmarshae Microcebus\_myoxinus Microcebus\_bongolavensis Microcebus\_lokobensis Microcebus\_simmonsi Microcebus tavaratra Microcebus\_jollyae Microcebus gerpi Microcebus\_margotmarshae Microcebus\_simmonsi Microcebus\_bongolavensis Microcebus\_lehilahytsara Microcebus\_murinus Microcebus\_myoxinus Microcebus\_ravelobensis Microcebus\_murinus Microcebus\_danfossi Microcebus\_ravelobensis Microcebus\_danfossi Microcebus\_griseorufus Microcebus griseorufus Microcebus\_arnholdi Microcebus\_arnholdi Microcebus\_mittermeieri Microcebus\_mittermeieri Microcebus\_mamiratra Microcebus mamiratra Lepilemur\_jamesi 🖊 Lepilemur jamesi 🗡 — Lepilemur\_ankaranensis 🗸 Lepilemur\_ankaranensis — Callimico\_goeldii • Callimico\_goeldii Cercocebus\_chrysogaster Pan\_panīscus ——— ► Pan\_'troglodytes —— Cercocebus\_agilis Cercocebus\_chrysogaster Cercocebus\_torquatus Cercocebus\_agilis — Cercocebus\_torquatus Cercocebus\_atys 🗸 Propithecus\_tattersalli ✓ Cercocebus galeritus Propithecus\_diadema Cercocebus atvs — Propithecus\_edwardsi\_ Lagothrix\_cana — Propithecus\_verreauxi 🗸 Lagothrix\_lagotricha -Propithecus\_coquereli 🖊 Propithecus\_tattersalli Propithecus diadema Cheirogaleus\_medius Propithecus\_edwardsi Cheirogaleus\_major 🔨 **↑** Propithecus\_verreauxi Cheirogaleus\_crossleyi Propithecus\_coquereli Cheirogaleus\_sibreei 🗸 ► Propithecus perrieri --- Pan\_paniscus • Cheirogaleus \_ medius — Pan\_troglodytes Cheirogaleus\_major Cheirogaleus\_crossleyi Cheirogaleus\_sibreei -Lagothrix\_cana Lagothrix\_lagotricha 🔥 Pygathrix\_nigripes Pygathrix\_cinerea Pygathrix\_nemaeus Cebus\_olivaceus ---- Indri\_indri 🖊 Avahi occidentalis Avahi\_laniger 🖊 Pygathrix\_nigripes Cebus\_nigritus Cebus\_albifrons Cebus\_libidinosus Pygathrix\_cinerea 🥕 Pygathrix nemaeus Cebus\_xanthosternos Cebus\_olivaceus 🔪 Cebus\_capucinus Cebus\_apella — Cebus\_albifrons 🔨 Cebus\_xanthosternos Cebus\_capucinus 🐴 Avaĥi\_cleesei Cebus\_apella Avahi\_occidentalis Avahi\_unicolor Avahi\_laniger — Macaca\_hecki Macaca brunnescens Macaca\_brunnescens Macaca\_tonkeana 🖍 Macaca\_nigrescens Macaca\_sylvanus -Macaca\_maura 🗸 Macaca\_radiata Macaca thibetana Macaca\_nigrescens Macaca\_nemestrina Macaca\_mulatta Macaca\_sinica Macaca\_sylvanus Macaca\_thibetana • Macaca\_hecki Macaca\_nemestrina 🗸 Macaca\_arctoides Macaca\_mulatta Macaca\_pagensis Macaca\_maura Macaca\_sinica 🐴 Macaca\_arctoides Macaca\_radiata – Macaca\_tonkeana Macaca\_assamensis Macaca\_nigra Macaca\_ochreata — Macaca\_ochreata — Macaca\_munzala Macaca\_assamensis Macaca\_nigra Macaca\_gusalaria Macaca\_ochreata Macaca\_fuscata 🥎 Macaca\_cyclopis Macaca\_silenus Macaca\_cyclopis Rungwecebus\_kipunji Macaca\_silenus Theropithecus\_gelada Rungwecebus\_kipunji Theropithecus\_gelada Pongo\_pygmaeus — Pongo\_abelii 🗸 Erythrocebus\_patas

Saimiri\_ustus 🔨

Saimiri\_sciureus
Saimiri\_boliviensis
Saimiri\_oerstedii

Aotus\_nigriceps

Aotus\_trivirgatus

Aotus\_griseimembra Aotus\_nancymaae

Aotus\_vociferans

Saguinus\_midas
Saguinus\_mystax
Saguinus\_geoffroyi
Saguinus\_imperator

Saguinus\_martinsi

Saguinus\_bicolor

Saguinus\_labiatus • Saguinus oedipus •

Colobus\_angolensis

Perodicticus\_potto

Colobus\_polykomos Callicebus\_caligatus

Callicebus\_moloch

Callicebus\_coimbrai

Callicebus\_donacophilus

Callicebus\_nigrifrons

Callicebus\_personatus

Callicebus\_cupreus

Colobus\_guereza 🗸

Saguinus\_fuscicollis

Aotus\_azarai

— Euoticus\_elegantulus 🗸

Erythrocebus\_patas

Euoticus\_elegantulus Saimiri\_sciureus — Saimiri\_boliviensis — Saimiri\_oerstedii — Saimiri\_ustreatus

Aotus\_trivirgatus

Aotus\_griseimembra

Saguinus\_fuscicollis Saguinus\_midas — Saguinus\_leucopus Saguinus\_nystax —

Saguinus\_niger Saguinus\_geoffroyi

Saguinus\_martinsi Saguinus\_bicolor

Saguinus\_labiatus

Saguinus\_oedipus

Perodicticus\_potto

Colobus\_angolensis Colobus\_guereza – Colobus\_polykomos

Callicebus\_caligatus

Callicebus personatus

► Callicebus donacophilus

Callicebus\_moloch — Callicebus\_brunneus

Callicebus\_coimbrai

Callicebus nigrifrons

Callicebus\_cupreus Callicebus\_brunneus

Saguinus\_imperator

Aotus\_nancymaae
Aotus\_nigriceps
Aotus\_vociferans

Aotus\_lemurinus

▲ Aotus\_azarai