

CLEMENTS 2012 UPDATE**Charles E. Braun, BU1364****Taxonomic Update**

The Clements 2012 taxonomic update was released by Cornell in August 2012. Changes ranged from a reshuffling of families to minor typographic corrections. The table below shows the revised order of families. One family is new (Bucorvidae). One family was deleted (Coerebidae, Bananaquit, which was moved to the Thraupidae). The Ifrit (Papua New Guinea, 1989, 718, 35t) was tentatively placed in the Monarchidae family.

No.	Family	Members	No.	Family	Members
1	Struthionidae	Ostrich	39	Rhynchotidae	Kagu
2	Rheidae	Rheas	40	Eurypygidae	Sunbittern
3	Casuariidae	Cassowaries	41	Rallidae	Rails, Gallinules, and Coots
4	Dromaiidae	Emu	42	Heliornithidae	Finfoots
5	Apterygidae	Kiwis	43	Aramidae	Limpkin
6	Tinamidae	Tinamous	44	Psophiidae	Trumpeters
7	Anhimidae	Screamers	45	Gruidae	Cranes
8	Anatidae	Ducks, Geese, and Waterfowl	46	Burhinidae	Thick-knees
9	Megapodiidae	Megapodes	47	Chionidae	Sheathbills
10	Cracidae	Guans, Chachalacas, and Curassows	48	Charadriidae	Plovers and Lapwings
11	Numididae	Guineafowl	49	Pluvianellidae	Magellanic Plover
12	Odontophoridae	New World Quail	50	Dromadidae	Crab Plover
13	Phasianidae	Pheasants, Grouse, and Allies	51	Haematopodidae	Oystercatchers
14	Gaviidae	Loons	52	Ibidorhynchidae	Ibisbill
15	Podicipedidae	Grebes	53	Recurvirostridae	Stilts and Avocets
16	Phoenicopteridae	Flamingos	54	Jacaniidae	Jacanas
17	Spheniscidae	Penguins	55	Scolopacidae	Sandpipers and Allies
18	Diomedidae	Albatrosses	56	Turnicidae	Buttonquail
19	Procellariidae	Shearwaters and Petrels	57	Glareolidae	Pratincoles and Coursers
20	Hydrobatidae	Storm-Petrels	58	Pedionomidae	Plains-wanderer
21	Pelecanoididae	Diving-Petrels	59	Thinocoridae	Seedsnipes
22	Phaethontidae	Tropicbirds	60	Rostratulidae	Painted-Snipes
23	Ciconiidae	Storks	61	Laridae	Gulls, Terns, and Skimmers
24	Fregatidae	Frigatebirds	62	Stercorariidae	Skuas and Jaegers
25	Sulidae	Boobies and Gannets	63	Alcidae	Auks, Murres, and Puffins
26	Phalacrocoracidae	Cormorants and Shags	64	Pteroclididae	Sandgrouse
27	Anhingidae	Anhingas	65	Columbidae	Pigeons and Doves
28	Pelecanidae	Pelicans	66	Musophagidae	Turacos
29	Balaenicipitidae	Shoebill	67	Opisthocomidae	Hoatzin
30	Scopidae	Hamerkop	68	Cuculidae	Cuckoos
31	Ardeidae	Hérons, Egrets, and Bitterns	69	Tytonidae	Barn-Owls
32	Threskiornithidae	Ibises and Spoonbills	70	Strigidae	Owls
33	Cathartidae	New World Vultures	71	Aegothelidae	Owlet-Nightjars
34	Sagittariidae	Secretary-bird	72	Podargidae	Frogmouths
35	Pandionidae	Osprey	73	Caprimulgidae	Nightjars and Allies
36	Accipitridae	Hawks, Eagles, and Kites	74	Nyctibiidae	Potoos
37	Otididae	Bustards	75	Steatornithidae	Oilbird
38	Mesitornithidae	Mesites	76	Apodidae	Swifts

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77	Hemiprocidae	Treeswifts	124	Menuridae	Lyrebirds
78	Trochilidae	Hummingbirds	125	Atrichornithidae	Scrub-birds
79	Coliidae	Mousebirds	126	Ptilonorhynchidae	Bowerbirds
80	Trogonidae	Trogons	127	Climacteridae	Australasian Treecreepers
81	Todidae	Todies	128	Maluridae	Fairywrens
82	Momotidae	Motmots	129	Meliphagidae	Honeyeaters
83	Alcedinidae	Kingfishers	130	Dasyornithidae	Bristlebirds
84	Meropidae	Bee-eaters	131	Pardalotidae	Pardalotes
85	Coraciidae	Rollers	132	Acanthizidae	Thornbills and Allies
86	Brachypteraciidae	Ground-Rollers	133	Pomatostomidae	Pseudo-Babblers
87	Leptosomidae	Cuckoo-Roller	134	Orthonychidae	Logrunners
88	Upupidae	Hoopoes	135	Cnemophilidae	Satinbirds
89	Phoeniculidae	Woodhoopoes and Scimitar-bills	136	Melanocharitidae	Berrypeckers and Longbills
90	Bucerotidae	Hornbills	137	Paramythiidae	Tit Berrypecker, Crested Berrypecker
91*	Bucorvidae*	Ground-Hornbills*	138	Callaeidae	Wattlebirds
92	Bucconidae	Puffbirds	139	Notiomystidae	Stitchbird
93	Galbulidae	Jacamars	140	Psophodidae	Whipbirds and Wedgebills
94	Lybiidae	African Barbets	141	Cinclosomatidae	Quail-thrushes and Jewel-babblers
95	Megalaimidae	Asian Barbets	142	Platysteiridae	Wattle-eyes and Batises
96	Capitonidae	New World Barbets	143	Prionopidae	Helmetsrikes and Allies
97	Semnornithidae	Toucan-Barbets	144	Malaconotidae	Bushshrikes and Allies
98	Ramphastidae	Toucans	145	Machaerirhynchidae	Boatbills
99	Indicatoridae	Honeyguides	146	Vangidae	Vangas
100	Picidae	Woodpeckers	147	Artamidae	Woodswallows
101	Cariamidae	Seriemas	148	Cracticidae	Bellmagpies and Allies
102	Falconidae	Falcons and Caracaras	149	Pityriaseidae	Bristlehead
103	Strigopidae	New Zealand Parrots	150	Aegithinidae	Ioras
104	Cacatuidae	Cockatoos	151	Campephagidae	Cuckooshrikes
105	Psittacidae	Parrots	152	Neosittidae	Sittellas
106	Acanthisittidae	New Zealand Wrens	153	Pachycephalidae	Whistlers and Allies
107	Calyptomenidae	African and Green Broadbills	154	Laniidae	Shrikes
108	Eurylaimidae	Asian and Grauer's Broadbills	155	Vireonidae	Vireos
109	Sapayoidae	Sapayoa	156	Oriolidae	Old World Orioles
110	Philepittidae	Asities	157	Dicruridae	Drongos
111	Pittidae	Pittas	158	Rhipiduridae	Fantails
112	Thamnophilidae	Typical Antbirds	159	Monarchidae	Monarch Flycatchers
113	Melanopareiidae	Crescentchests	160	Corvidae	Crows, Jays, and Magpies
114	Conopophagidae	Gnateaters	161	Corcoracidae	White-winged Cough and Apostlebird
115	Grallariidae	Antpittas	162	Paradisaeidae	Birds-of-paradise
116	Rhinocryptidae	Tapaculos	163	Petroicidae	Australasian Robins
117	Formicariidae	Antthrushes	164	Picathartidae	Rockfowl
118	Furnariidae	Ovenbirds and Woodcreepers	165	Chaetopidae	Rockjumpers
119	Tyrannidae	Tyrant Flycatchers	166	Eupetidae	Rail-babbler
120	Oxyruncidae	Sharpbill	167	Panuridae	Bearded Reedling
121	Cotingidae	Cotingas	168	Nicatoridae	Nicators
122	Pipridae	Manakins	169	Alaudidae	Larks
123	Tityridae	Tityras and Allies	170	Hirundinidae	Swallows

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171	Stenostiridae	Fairy Flycatchers	200	Muscicapidae	Old World Flycatchers
172	Paridae	Chickadees and Tits	201	Turdidae	Thrushes and Allies
173	Remizidae	Penduline-Tits	202	Mimidae	Mockingbirds and Thrashers
174	Aegithalidae	Long-tailed Tits	203	Sturnidae	Starlings
175	Sittidae	Nuthatches	204	Buphagidae	Oxpeckers
176	Tichodromidae	Wallcreeper	205	Chloropseidae	Leafbirds
177	Certhiidae	Treecreepers	206	Dicaeidae	Flowerpeckers
178	Troglodytidae	Wrens	207	Nectariniidae	Sunbirds and Spiderhunters
179	Poliophtidae	Gnatcatchers	208	Prunellidae	Accentors
180	Cinclidae	Dippers	209	Motacillidae	Wagtails and Pipits
181	Pycnonotidae	Bulbuls	210	Urocynchramidae	Przevalski's Rosefinch
182	Regulidae	Kinglets	211	Bombycillidae	Waxwings
183	Pnoepygidae	Cupwings	212	Mohoidae	Hawaiian Honeyeaters *[extinct]*
184	Macrosphenidae	African Warblers	213	Ptiligonatidae	Silky-flycatchers
185	Cettiidae	Bush-Warblers and Allies	214	Dulidae	Palmchat
186	Phylloscopidae	Leaf-Warblers	215	Hylocitridae	Hylocitrea
187	Acrocephalidae	Reed-Warblers and Allies	216	Hypocoliidae	Hypocolius
188	Locustellidae	Grassbirds and Allies	217	Peucedramidae	Olive Warbler
189	Donacobiidae	Donacobius	218	Calariidae	Longspurs and Snow Buntings
190	Bernieridae	Malagasy Warblers	219	Parulidae	New World Warblers
191	Cisticolidae	Cisticolas and Allies	220	Thraupidae	Tanagers and Allies
192	Sylviidae	Sylvids, Parrotbills, and Allies	221	Emberizidae	Buntings and New World Sparrows
193	Zosteropidae	Yuhinas, White-eyes, and Allies	222	Cardinalidae	Cardinals and Allies
194	Pellorneidae	Fulvetas and Ground Babblers	223	Icteridae	Troupials and Allies
195	Leiotherichidae	Laughingthrushes	224	Fringillidae	Siskins, Crossbills, and Allies
196	Timaliidae	Babblers	225	Passeridae	Old World Sparrows
197	Promeropidae	Sugarbirds	226	Ploceidae	Weavers and Allies
198	Irenidae	Fairy-bluebirds	227	Estrildidae	Waxbills and Allies
199	Hylotiidae	Hyliotas	228	Viduidae	Indigobirds

Lumps and Splits

Gould's Petrel becomes Collared Petrel.

Tristan Penguin, *Eudyptes moseleyi* has been split from Rockhopper Penguin and is shown on stamps from Tristan da Cunha from 1954 to 2010.

Xantu's Murrelet becomes Guadalupe Murrelet.

Pompadour Green Pigeon becomes Sri Lanka Green Pigeon.

Philippine Scops Owl has been split into three species, two of which are on stamps:

Philippine Scops Owl, *Otus megalotis* on Philippines, 2010, 3431, 24p

Negros Scops Owl, *Otus nigrorum* on Philippines, 2004, 2648, 6p

Golden Whistler is split into nine species, five of which are on stamps:

Oriole Whistler, *Pachycephala orioloides* is on stamps from the British Solomon Islands and Solomon Islands

White-throated Whistler, *Pachycephala vitiensis* is on Fiji, 1995, 726, 2c

Fiji Whistler, *Pachycephala graeffii* is on Micronesia, 2004, SS576, \$2

Black-tailed Whistler, *Pachycephala melanura* is on Liberia, 1999, 1402c, 50c and on Australia, 2009, \$1.65

Vietnamese Pheasant, *Lophura hatinhensis* is lumped with Edwards's Pheasant, and is removed from the aviary

Other Changes

Marabou Stork, *Leptoptilus crumenifer*
 Australian Ibis, *Threskiornis moluccensis*
 Lesser Spotted Eagle, *Clanga pomarina*
 Indian Spotted Eagle, *Clanga hastata*
 Greater Spotted Eagle, *Clanga clanga*
 Chinese Goshawk becomes Chinese Sparrowhawk
 Solomon Sea-Eagle becomes Sanford's Sea-Eagle
 Solitary Eagle, *Buteogallus solitarius*
 Crowned Eagle, *Buteogallus coronatus*
 Roadside Hawk, *Rupornis magnirostris*
 White-tailed Hawk, *Geranoaetus albicaudatus*
 Variable Hawk, *Geranoaetus polysoma*
 White Hawk, *Geranoaetus albicollis*
 Platen's Rail becomes Snoring Rail
 Gray-necked Wood-Rail, *Aramides cajaneus*
 Purple Gallinule, *Porphyrio martinicus*
 Greater Painted-snipe becomes Greater Painted-Snipe
 Ceylon Wood-Pigeon becomes Sri Lanka Wood-Pigeon, *Columba torringtoniae*
 Mauritius Blue-Pigeon, *Alectroenas nitidissimus*
 Mindanao Eagle-Owl becomes Giant Scops Owl, *Otus gurneyi*
 Solomon Hawk-Owl becomes Solomons Hawk-Owl
 Great-eared Nightjar, *Lycornis macrotis*
 Chuck-will's-widow, *Antrostomus carolinensis*
 Whip-poor-will, *Antrostomus vociferus*
 Calliope Hummingbird, *Selasphorus calliope*
 Glittering-bellied Emerald, *Chlorostilbon lucidus*
 Black-backed Kingfisher becomes Black-backed Dwarf Kingfisher
 Rufous-backed Kingfisher becomes Rufous-backed Dwarf Kingfisher
 Variable Kingfisher becomes Variable Dwarf Kingfisher
 Yellowish-breasted Racquet-tail becomes Yellow-breasted Racquet-tail
 Blue-throated Parakeet becomes Ochre-marked Parakeet
 Blue-fronted Parrot becomes Turquoise-fronted Parrot
 Vinaceous Parrot becomes Vinaceous-breasted Parrot
 Mauritius Cuckoo-shrike becomes Mauritius Cuckooshrike, *Lalage typica*
 Blue Cuckoo-shrike becomes Blue Cuckooshrike, *Cyanograucalus azurea*
 Morningbird, *Pachycephala tenebrosa*
 Spectacled Monarch, *Symposiachrus trivirgatus*
 Black-billed Sicklebill, *Drepanornis albertisi*
 Wallace's Standardwing becomes Standardwing Bird-of paradise
 Princess Stephanie's Astrapia becomes Stephanie's Astrapia
 Papyrus Yellow Warbler, *Calamanistides gracilirostris* [Editor's note: Cf. *Chloropeta gracilirostris*]
 Western Olivaceous Warbler, *Iduna opaca*
 Siberian Thrush, *Geokichla sibirica*
 Spotted Ground-Thrush, *Geokichla guttata*
 Groundscraper Thrush, *Psophocichla litsitsirupa*
 Kurrichane Thrush, *Turdus libonyana*
 Purple-naped Sunbird becomes Purple-naped Spiderhunter, *Arachnothera hypogrammicum*
 Purple Finch, *Haemorhous purpureus*
 House Finch, *Haemorhous mexicanus*