**S4 Table. Nest type classification for living archosaur species.**

|  |  |  |  |
| --- | --- | --- | --- |
| Taxon | | Nest type | References |
| Accipitridae | *Buteo rufinus* | Open | [1,2] |
| Anseriformes | *Aix galericulata* | Open | [3,4] |
|  | *Aix sponsa* | Open | [4-7] |
|  | *Anas bahamensis* | Open | [4] |
|  | *Anas discors* | Open | [5] |
|  | *Anas fulvigula* | Open | [8,9] |
|  | *Anas gracilis* | Open | [10,11] |
|  | *Anas platyrhynchos* | Open | [4] |
|  | *Anser anser* | Open | [3,12] |
|  | *Anser brachyrhynchus* | Open | [4] |
|  | *Anser cygnoides* | Open | [4] |
|  | *Anser erythropus* | Open | [3] |
|  | *Anser fabalis* | Open | [3] |
|  | *Branta canadensis* | Open | [3] |
|  | *Branta h. minima* | Open | [3] |
|  | *Branta leucopsis* | Open | [3] |
|  | *Branta sandvicensis* | Open | [13,14] |
|  | *Bucephala islandica* | Open | [3] |
|  | *Cairina moschata* | Open | [5] |
|  | *Cereopsis novaehollandiae* | Open | [4,11] |
|  | *Chloephaga melanoptera* | Open | [4,15] |
|  | *Clangula hyemalis* | Open | [3] |
|  | *Cyanochen cyanoptera* | Open | [4,16] |
|  | *Dendrocygna arborea* | Open | [4] |
|  | *Dendrocygna autumnalis* | Open | [5] |
|  | *Dendrocygna bicolor* | Open | [5] |
|  | *Lophodytes cucullatus* | Open | [8,16] |
|  | *Mergus merganser* | Open | [3] |
|  | *Mergus serrator* | Open | [3] |
|  | *Somateria mollissima* | Open | [3,17] |
|  | *Tadorna cana* | Open | [4] |
|  | *Tadorna tadorna* | Open | [3] |
|  | *Tadorna variegata* | Open | [16,18] |
| Charadriiformes | *Alca torda* | Open | [5] |
|  | *Brachyramphus marmoratus* | Open | [5] |
|  | *Burhinus oedicnemus* | Open | [3] |
|  | *Cepphus columba* | Open | [5] |
|  | *Cerorhinca monocerata* | Open | [5] |
|  | *Fratercula arctica* | Open | [3] |
|  | *Fratercula cirrhata* | Open | [5] |
|  | *Haematopus ostralegus* | Open | [3] |
|  | *Larus argentatus* | Open | [3] |
|  | *Larus canus* | Open | [3,19] |
|  | *Larus fuscus* | Open | [3] |
|  | *Larus glaucescens* | Open | [5] |
|  | *Larus heermanni* | Open | [5] |
|  | *Larus marinus* | Open | [3] |
|  | *Larus ridibundus* | Open | [3,20] |
|  | *Numenius phaeopus* | Open | [3] |
|  | *Onychoprion fuscatus* | Open | [5] |
|  | *Pluvialis apricaria* | Open | [3] |
|  | *Ptychoramphus aleuticus* | Open | [5] |
|  | *Rissa tridactyla* | Open | [3,5] |
|  | *Rynchops niger* | Open | [5] |
|  | *Stercorarius skua* | Open | [3] |
|  | *Sterna paradisaea* | Open | [3,21] |
|  | *Sternula albifrons* | Open | [3] |
|  | *Synthliboramphus antiquus* | Open | [5] |
|  | *Thalasseus elegans* | Open | [5] |
|  | *Thalasseus maximus* | Open | [5] |
|  | *Uria aalge* | Open | [3] |
| Ciconiiformes | *Egretta thula* | Open | [5] |
|  | *Egretta tricolor* | Open | [5] |
|  | *Eudocimus albus* | Open | [5] |
|  | *Nycticorax nycticorax* | Open | [3] |
|  | *Plegadis falcinellus* | Open | [3] |
| Columbiformes | *Columba livia* | Open | [3] |
|  | *Streptopelia turtur* | Open | [3] |
| Falconidae | *Falco naumanni* | Open | [1,3,22] |
|  | *Falco tinnunculus* | Open | [3,22] |
| Galliformes | *Alectura lathami* | Covered | [11] |
|  | *Ammoperdix heyi* | Open | [3,22] |
|  | *Chrysolophus amherstiae* | Open | [1,23] |
|  | *Coturnix coturnix* | Open | [3] |
|  | *Gallus gallus* | Open | [11] |
|  | *Leipoa ocellata* | Covered | [11] |
|  | *Lophophorus impejanus* | Open | [23] |
|  | *Lophura nycthemera* | Open | [3] |
|  | *Megapodius decollatus* | Covered | [24] |
|  | *Meleagris gallopavo* | Open | [3] |
|  | *Numida meleagris* | Open | [5] |
|  | *Pavo cristatus* | Open | [1,25] |
|  | *Phasianus colchicus* | Open | [3] |
|  | *Syrmaticus soemmerringii* | Open | [26] |
| Passeriformes | *Agelaius phoeniceus* | Open | [5] |
|  | *Menura novaehollandiae* | Open | [11,27] |
|  | *Molothrus ater* | Open | [5] |
|  | *Passer domesticus* | Open | [3] |
|  | *Spiza americana* | Open | [28] |
|  | *Turdus merula* | Open | [3] |
| Pelecaniformes | *Anhinga anhinga* | Open | [3] |
|  | *Morus bassanus* | Open | [5] |
|  | *Phalacrocorax auritus* | Open | [5] |
|  | *Phalacrocorax carbo* | Open | [5] |
|  | *Phalacrocorax pelagicus* | Open | [5] |
| Procellariiformes | *Diomedea exulans* | Open | [16] |
|  | *Fulmarus glacialis* | Open | [3,12] |
|  | *Oceanodroma leucorhoa* | Open | [3] |
|  | *Puffinus pacificus* | Open | [29,30] |
|  | *Puffinus puffinus* | Open | [5] |
|  | *Puffinus tenuirostris* | Open | [31] |
| Sphenisciformes | *Aptenodytes forsteri* | Open | [16] |
|  | *Aptenodytes patagonicus* | Open | [32] |
|  | *Eudyptes robustus* | Open | [33] |
|  | *Pygoscelis adeliae* | Open | [34] |
|  | *Spheniscus demersus* | Open | [35,36] |
| Strigiformes | *Strix aluco* | Open | [3] |
|  | *Tyto alba* | Open | [3] |
| Struthioniformes | *Apteryx australis* | Open | [37,38] |
| Tinamiformes | *Eudromia elegans* | Open | [39,40] |
| Crocodylia | *Alligator mississippiensis* | Covered | [41] |
|  | *Alligator sinensis* | Covered | [41] |
|  | *Caiman crocodilus* | Covered | [41] |
|  | *Caiman latirostris* | Covered | [41] |
|  | *Caiman yacare* | Covered | [41] |
|  | *Crocodylus mindorensis* | Covered | [41] |
|  | *Crocodylus moreletii* | Covered | [41] |
|  | *Crocodylus niloticus* | Covered | [41] |
|  | *Crocodylus porosus* | Covered | [41] |
|  | *Crocodylus rhombifer* | Covered | [41] |
|  | *Crocodylus siamensis* | Covered | [41] |
|  | *Gavialis gangeticus* | Covered | [41] |
|  | *Melanosushus niger* | Covered | [41] |
|  | *Osteolaemus tetraspis* | Covered | [41] |
|  | *Paleosuchus palpebrosus* | Covered | [41] |
|  | *Paleosuchus trigonatus* | Covered | [41] |
|  | *Tomistoma schlegelii* | Covered | [41] |

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