

Mean IOP, standard deviation and typical body mass of birds extracted through the systematic review.

| Species | Common name | Sources | Sample size (eyes) | Mean IOP (mmHg) | Standard Deviation (mmHg) | Typical Body Mass (kg) |
|-------------------------------|------------------------------------|--------------|--------------------|-----------------|---------------------------|------------------------|
| <i>Accipiter cooperii</i> | Cooper's Hawk | [51] | 6 | 13.35 | 0.67 | 0.46 |
| <i>Accipiter gentilis</i> | Northern Hawk | [40] | 18 | 21.2 | 2.4 | 1 |
| <i>Accipiter nisus</i> | Eurasian Sparrowhawk | [40] | 26 | 16.0 | 2.48 | 0.23 |
| <i>Aquila chrysaetos</i> | Golden Eagle | [52] | 14 | 21.5 | 3.0 | 5 |
| <i>Asio otus</i> | Long-Eared Owl | [40,53] | 21 | 8.75 | 3.04 | 0.31 |
| <i>Athene noctua</i> | Little Owl | [53,54] | 44 | 10.05 | 1.56 | 0.18 |
| <i>Bubo Bubo</i> | Eurasian Eagle Owl | [55] | 20 | 9.9 | 0.30 | 3 |
| <i>Bubo Bubo ascalaphus</i> | Pharaoh Eagle Owl | [53] | 2 | 7.8 | 3.5 | 3 |
| <i>Bubo Bubo interpositus</i> | Aharoni's Eagle Owl | [53] | 4 | 15.4 | 4.1 | 3 |
| <i>Bubo virginianus</i> | Great-Horned Owl | [51,52] | 25 | 10.13 | 3.38 | 2 |
| <i>Buteo Buteo</i> | Common Buzzard | [40, 53, 54] | 116 | 23.71 | 12.0 | 0.9 |
| <i>Buteo buteo vulpinus</i> | Steppe Buzzard | [53] | 2 | 25.0 | 1.6 | 0.9 |
| <i>Buteo jamaicensis</i> | Red-Tailed Hawk | [51,52] | 64 | 20.15 | 7.52 | 1 |
| <i>Buteo rufinus</i> | Long-Legged Buzzard | [53] | 4 | 13.3 | 4.0 | 1.2 |
| <i>Buteo swainsoni</i> | Swainson's Hawk | [52] | 12 | 20.8 | 2.3 | 0.98 |
| <i>Carthartes aura</i> | Turkey Vulture | [51] | 6 | 13.35 | 1.78 | 1.55 |
| <i>Circaetus aeruginosus</i> | Short-Toed Snake Eagle | [53] | 4 | 13.6 | 0.8 | 1.75 |
| <i>Circus gallicus</i> | Western March Harrier | [53] | 4 | 18.6 | 2.2 | 0.53 |
| <i>Circus pygargus</i> | Montagu's Harrier | [53] | 4 | 13.4 | 1.1 | 0.31 |
| <i>Eudypptes chrysocome</i> | Southern Rockhopper Penguin | [56] | 32 | 22.05 | 3.72 | 2.7 |
| <i>Eudypptes chrysolophus</i> | Macaroni Penguin | [56] | 50 | 27.85 | 4.34 | 5.5 |

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|--------------------------------|-------------------------------|--------------|--------------------|-----------------|---------------------------|------------------------|
| <i>Falco pelegrinoides</i> | Barbary Falcon | [53] | 2 | 9.2 | 1.8 | 0.54 |
| <i>Falco naumanni</i> | Lesser Kestrel | [53] | 2 | 13.7 | 1.0 | 0.15 |
| <i>Falco peregrinus</i> | Peregrine Falcon | [40] | 4 | 15.3 | 6.1 | 0.89 |
| <i>Falco sparverius</i> | American Kestrel | [51] | 8 | 7.65 | 8.5 | 0.17 |
| <i>Falco tinnunculus</i> | Common Kestrel | [40, 53, 54] | 95 | 10.42 | 3.77 | 0.17 |
| <i>Haliaeetus albicilla</i> | White-Tailed Sea Eagle | [40] | 25 | 27.8 | 5.7 | 5 |
| <i>Haliaeetus albicilla</i> | Bald Eagle | [52, 57] | 37 | 21.38 | 0.38 | 4.65 |
| <i>Megascops asio</i> | Eastern Screech Owl | [51, 58] | 46 | 11.12 | 1.25 | 0.16 |
| <i>Milvus migrans</i> | Black Kite | [53] | 10 | 17.1 | 7.2 | 0.79 |
| <i>Milvus milvus</i> | Red Kite | [40] | 6 | 12.7 | 6.5 | 1.05 |
| <i>Otus scops</i> | Scops Owl | [53] | 23 | 14.5 | 3.9 | 0.05 |
| <i>Pernis apivorus</i> | European Honey Buzzard | [53] | 18 | 14.4 | 2.8 | 0.75 |
| <i>Phoenicopterus ruber</i> | American Flamingo | [59, 60] | 74 | 12.64 | 4.52 | 3.1 |
| <i>Poicephalus rufiventris</i> | Red-Bellied Parrot | [61] | 2 | 11.5 | 0.71 | 0.14 |
| <i>Rhea americana</i> | Great Rhea | [62] | 2 | 11.5 | 0.71 | 24 |
| <i>Spheniscus demersus</i> | Black-Footed Penguin | [63, 64] | 70 | 28.76 | 12.70 | 2.82 |
| <i>Spheniscus humboldti</i> | Humboldt Penguin | [65] | 48 | 20.36 | 4.1 | 4.75 |
| <i>Strix aluco</i> | Eurasian Tawny Owl | [40, 54] | 52 | 11.18 | 0.05 | 0.6 |
| <i>Strix varia</i> | Barred Owl | [51] | 3 | 10.0 | 2.3 | 0.78 |
| <i>Struthio camelus</i> | Ostrich | [66] | 40 | 18.3 | 3.5 | 103 |
| <i>Tyto alba</i> | Barn Owl | [40, 53] | 33 | 17.21 | 7.12 | 0.41 |