

Appendix

List of closely related pairs of low- and high-ornamented species of owls, and associated index of ornamentation and scores for ecological and behavioural traits Habitat: 1 – closed; species frequenting habitats with dense canopy cover, 2 – semi-open; species frequenting habitats with sparse canopy cover, 3 – open; species frequenting habitats with canopy cover absent or very scarce. Activity: 1 – strictly nocturnal; 2 – crepuscular; 3 – partly diurnal. Scores for species traits and information on biogeographic region were derived from Mikkola (1983), Cramp (1985), Voous (1988), Hume (1991), Westoll (1998), del Hoyo et al. (1999) and König et al. (1999) (see References).

Pair	Species	Ornamentation Index	Size (cm)	Activity	Habitat	Geographic Region
1	<i>Tyto alba</i>	0	36.5	2	3	Cosmopolitan
1	<i>Phodilus badius</i>	5	28	1	2	Oriental
2	<i>Otus rufescens</i>	4	16.5	1	1	Oriental
2	<i>Otus sagittatus</i>	12	26.5	–	1	Oriental
3	<i>Otus fuliginosus</i>	4	20	–	2	Oriental
3	<i>Otus bakkamoena</i>	12	21	1	2	Oriental
4	<i>Otus flammeolus</i>	4	16	2	2	Nearctic
4	<i>Otus lettia</i>	12	24	1	2	Oriental
5	<i>Otus ingens</i>	3	26	1	1	Neotropical
5	<i>Otus cooperi</i>	11	23	1	3	Neotropical
6	<i>Otus colombianus</i>	2	27	1	1	Neotropical
6	<i>Otus asio</i>	10	20.5	1	2	Nearctic
7	<i>Otus petersoni</i>	2	21	1	1	Neotropical
7	<i>Otus trichopsis</i>	10	17.5	2	1	Nearctic/Neotropical
8	<i>Otus marshalli</i>	4	21	1	1	Neotropical
8	<i>Otus choliba</i>	11	22	2	2	Neotropical
9	<i>Pyrroglaux podarginus</i>	3	22	1	1	Australasian
9	<i>Gymnoglaux lawrencii</i>	10	21.5	1	2	Neotropical
10	<i>Otus moheliensis</i>	4	22	1	1	Ethiopic
10	<i>Ptilopsis leucotis</i>	15	22	2	2	Ethiopic
11	<i>Nyctea scandiaca</i>	3	61	2	3	Holarctic
11	<i>Bubo virginianus</i>	13	52.5	3	3	Nearctic
12	<i>Bubo philippensis</i>	4	41.5	–	1	Oriental
12	<i>Bubo bengalensis</i>	14	53	3	3	Oriental
13	<i>Scotopelia peli</i>	1	57	2	1	Ethiopic
13	<i>Bubo capensis</i>	14	53.5	2	3	Ethiopic

14	<i>Scotopelia hussleri</i>	3	48.5	2	1	Ethiopic
14	<i>Bubo africanus</i>	13	45	3	3	Ethiopic
15	<i>Scotopelia bouvieri</i>	1	48.5	1	1	Ethiopic
15	<i>Bubo vosseleri</i>	13	48	2	1	Ethiopic
16	<i>Strix ocellata</i>	2	43	1	2	Oriental
16	<i>Mimizuku gurneyi</i>	10	32.5	1	1	Oriental
17	<i>Strix aluco</i>	3	41	2	2	Palaearctic
17	<i>Bubo bubo</i>	12	66.5	2	3	Palaearctic
18	<i>Strix occidentalis</i>	2	44.3	1	1	Nearctic
18	<i>Bubo magellanicus</i>	10	45	2	3	Neotropical
19	<i>Strix hylophila</i>	2	36.1	1	1	Neotropical
19	<i>Bubo cinerascens</i>	10	43	1	3	Ethiopic
20	<i>Strix uralensis</i>	2	56	2	1	Palaearctic
20	<i>Bubo ascalaphus</i>	12	48	2	3	Palaearctic/Ethiopic
21	<i>Strix nigrolineata</i>	2	39	1	2	Neotropical
21	<i>Ketupa flavipes</i>	10	53	3	1	Oriental
22	<i>Strix hubula</i>	2	33.5	1	1	Neotropical
22	<i>Jubula letii</i>	10	37	2	1	Ethiopic
23	<i>Glaucidium passerinum</i>	4	17	3	2	Palaearctic
23	<i>Surnia ulula</i>	8	38.5	3	2	Holarctic
24	<i>Glaucidium capense</i>	4	21	3	3	Ethiopic
24	<i>Glaucidium tephronotum</i>	6	17.5	3	1	Ethiopic
25	<i>Micrathene whitneyi</i>	4	13.5	1	3	Nearctic/Neotropical
25	<i>Glaucidium sjostedti</i>	6	22.5	2	1	Ethiopic
26	<i>Aegolius acadicus</i>	4	20	1	1	Nearctic/Neotropical
26	<i>Aegolius ridgwayi</i>	7	19	1	1	Neotropical
27	<i>Ninox scutulata</i>	4	30	2	2	Oriental
27	<i>Athene brama</i>	6	20	2	3	Oriental
28	<i>Ninox affinis</i>	4	26.5	2	1	Oriental
28	<i>Athene blewitti</i>	6	23	3	1	Oriental
29	<i>Ninox theomacha</i>	3	24	1	1	Australasian
29	<i>Aegolius harrisii</i>	7	20	1	2	Neotropical
30	<i>Ninox meeki</i>	2	27	1	1	Australasian
30	<i>Ninox natalis</i>	6	27.5	2	1	Oriental
31	<i>Ninox variegata</i>	2	26.5	1	1	Australasian
31	<i>Ninox jacquinoti</i>	6	27	1	1	Australasian
32	<i>Asio capensis</i>	4	33.5	2	3	Ethiopic
32	<i>Asio otus</i>	13	37.5	2	3	holarctic
33	<i>Otus spilocephalus</i>	4	19	1	1	Oriental
33	<i>Otus lempiji</i>	10	20	1	2	Oriental
34	<i>Otus watsonii</i>	4	21.5	2	1	Neotropical
34	<i>Otus semitorques</i>	10	24	1	1	Palaearctic

35	<i>Otus guatemalae</i>	4	21.5	1	1	Neotropical
35	<i>Ptilopus granti</i>	15	22	1	3	Ethiopic
