**Supplementary Table S1.** **Numbers of potential and actual host species and host-louse associations of birds and mammals from Slovakia.**

Records are taken from Price *et al.* (2003) and updated according to Mey (2004), Grossi *et al.* (2014) and Gustafsson & Bush (2017), see also Material and methods. \*=*Bubo scandiacus* is a rare native bird, but it is here regarded as a captive bird because lice were only found on a bird kept in a Zoo.

|  |  |  |
| --- | --- | --- |
|  | Numbers of hosts in different categories with numbers of potential host-louse associations recorded in Slovakia | Numbers of hosts in different categories with numbers of host-louse associations actually recorded in Slovakia and listed in this paper |
|  | Number of host species (H1) | Host-louse associations (LH1) | Number of louse species per host(LH1/H1) | Number of host species (H2) | H2/H1(%) | Host-louse associations (LH2) | LH2/LH1 (%) | Number of louse species per host(LH2/H2) |
| **BIRDS** | **365** | **1316** | **3.6** | **171** | **46.8** | **358** | **27.3** | **2.1** |
|  Native | 358 | 1243 | 3.5 | 164 | 45.7 | 338 | 27.5 | 2.1 |
|  Introduced | 2 | 26 | 13.0 | 2 | 100.0 | 9 | 34.6 | 4.5 |
|  Captive | 5\* | 47 | 9.4 | 5 | 100.0 | 11 | 23.4 | 2.2 |
| **MAMMALS** | **27** | **33** | **1.2** | **8** | **29.6** | **8** | **24.2** | **1.0** |
|  Native | 17 | 21 | 1.2 | 6 | 35.3 | 6 | 28.6 | 1.0 |
|  Introduced | 3 | 3 | 1.0 | 0 | – | 0 | – | – |
|  Captive | 7 | 9 | 1.3 | 2 | 28.6 | 2 | 22.2 | 1.0 |
| **TOTAL** | **392** | **1349** | **3.4** | **179** | **45.7** | **366** | **27.2** | **2.0** |

**Supplementary Table S2. Numbers of potential and actual louse genera, species and host-louse associations in Slovakia.**

Records are taken from Price *et al.* (2003) and updated according to Mey (2004), Grossi *et al.* (2014) and Gustafsson & Bush (2017).

|  |  |  |
| --- | --- | --- |
|  | Numbers of potential louse genera, species and host-louse associations from all hosts in Slovakia | Numbers of louse genera, species and host-louse associations from Slovakia recorded in this paper (excluding records at genus level) |
|  | Number of louse genera (G1) | Number of louse species (L1) | Host-louse associations (LH1) | Number of host species per louse(LH1/L1) | Number of louse genera (G2) | G2/G1(%) | Number of louse species (L2) | L2/L1(%) | Host-louse associations (LH2) | LH2/LH1 (%) | Number of host species per louse(LH2/L2) |
| **Amblycera** | **33** | **235** | **599** | **2.5** | **22** | **66.7** | **67** | **28.5** | **108** | **18.0** | **1.6** |
|  Laemobothriidae | 1 | 7 | 38 | 5.4 | 1 | 100.0 | 2 | 28.6 | 2 | 5.3 | 1.0 |
|  Menoponidae | 31 | 215 | 504 | 2.3 | 20 | 64.5 | 60 | 27.9 | 95 | 18.8 | 1.6 |
|  Ricinidae | 1 | 13 | 58 | 4.5 | 1 | 100.0 | 5 | 46.2 | 11 | 19.0 | 2.2 |
| **Ischnocera** | **70** | **529** | **750** | **1.4** | **59** | **83.1** | **196** | **37.2** | **239** | **32.0** | **1.2** |
|  Philopteridae | 65 | 501 | 718 | 1.4 | 54 | 83.1 | 188 | 37.7 | **231** | 32.3 | 1.2 |
|  Trichodectidae | 6 | 29 | 33 | 1.1 | 5 | 83.3 | 8 | 27.6 | 8 | 24.2 | 1.0 |
| **TOTAL** | **103** | **764** | **1349** | **1.8** | **81** | **77.9** | **263** | **34.6** | **347** | **25.8** | **1.3** |

**Supplementary Table S3. List of host orders and families with potential and actual numbers of species and host-louse associations recorded in Slovakia.**

Records are taken from Price *et al.* (2003) and updated according to Mey (2004), Grossi *et al.* (2014) and Gustafsson & Bush (2017), see also Material and methods.

|  |  |  |
| --- | --- | --- |
|  | Numbers of potential host-louse associations from all hosts recorded in Slovakia  | Numbers of hosts and actual host-louse associations recorded from Slovakia in this paper (including records at genus level) |
|  | Number of host species (H1) | Host-louse associations (LH1) | Number of louse species per host(LH1/H1) | Number of host species (H2) | H2/H1 (%) | Host-louse associations (LH2) | LH2/LH1 (%) | Number of louse species per host(LH2/H2) | range |
| **Native birds** | **358** | **1243** | **3.5** | **164** | **45.6** | **338** | **27.3** | **2.1** | **1–6** |
| **Accipitriformes** | 26 | 132 | 5.1 | 16 | 61.5 | 33 | 25.0 | 2.1 | 1–4 |
| Accipitridae | 25 | 128 | 5.1 | 15 | 60.0 | 32 | 25.0 | 2.1 | 1–4 |
| Pandionidae | 1 | 4 | 4.0 | 1 | 100.0 | 1 | 25.0 | 1.0 |  |
| **Anseriformes** | 36 | 152 | 4.2 | 15 | 41.6 | 32 | 21.1 | 2.1 | 1–4 |
| Anatidae | 36 | 152 | 4.2 | 15 | 41.6 | 32 | 21.1 | 2.1 | 1–4 |
| **Apodiformes** | 2 | 3 | 1.5 | 1 | 50.0 | 1 | 33.3 | 1.0 |  |
| Apodidae | 2 | 3 | 1.5 | 1 | 50.0 | 1 | 33.3 | 1.0 |  |
| **Bucerotiformes** | 1 | 2 | 2.0 | 1 | 100.0 | 2 | 100.0 | 2.0 |  |
| Upupidae | 1 | 2 | 2.0 | 1 | 100.0 | 2 | 100.0 | 2.0 |  |
| **Caprimulgiformes** | 1 | 1 | 1.0 | 1 | 100.0 | 1 | 100.0 | 1.0 |  |
| Caprimulgidae | 1 | 1 | 1.0 | 1 | 100.0 | 1 | 100.0 | 1.0 |  |
| **Charadriiformes** | 71 | 298 | 4.2 | 14 | 19.7 | 25 | 8.4 | 1.8 | 1–3 |
| Burhinidae | 1 | 3 | 3.0 | – | – | – | – | – |  |
| Glareolidae | 2 | 3 | 1.5 | – | – | – | – | – |  |
| Haematopodidae | 1 | 5 | 5.0 | – | – | – | – | – |  |
| Charadriidae | 9 | 39 | 4.3 | 3 | 33.3 | 5 | 12.8 | 1.6 | 1–2 |
| Laridae | 23 | 91 | 4.0 | 5 | 21.7 | 9 | 9.9 | 1.8 | 1–3 |
| Recurvirostridae | 2 | 12 | 6.0 | – | – | – | – | – |  |
| Scolopacidae | 30 | 131 | 4.4 | 6 | 20.0 | 11 | 8.4 | 1.8 | 1–3 |
| Stercorariidae | 3 | 12 | 4.0 | – | – | – | – | – |  |
| **Ciconiiformes** | 2 | 8 | 4.0 | 2 | 100.0 | 4 | 50.0 | 2.0 | 1–3 |
| Ciconiidae | 2 | 8 | 4.0 | 2 | 100.0 | 4 | 50.0 | 2.0 | 1–3 |
| **Columbiformes** | 5 | 23 | 4.6 | 3 | 60.0 | 6 | 26.1 | 2.0 | 1–3 |
| Columbidae | 5 | 23 | 4.6 | 3 | 60.0 | 6 | 26.1 | 2.0 | 1–3 |
| **Coraciiformes** | 3 | 7 | 2.3 | 3 | 100.0 | 5 | 71.4 | 1.7 | 1–3 |
| Alcedinidae | 1 | 1 | 1.0 | 1 | 100.0 | 1 | 100.0 | 1.0 |  |
| Coraciidae | 1 | 3 | 3.0 | 1 | 100.0 | 1 | 33.3 | 2.0 |  |
| Meropidae | 1 | 3 | 3.0 | 1 | 100.0 | 3 | 100.0 | 3.0 |  |
| **Cuculiformes** | 2 | 6 | 3.0 | 1 | 50.0 | 2 | 33.3 | 2.0 |  |
| Cuculidae | 2 | 6 | 3.0 | 1 | 50.0 | 2 | 33.3 | 2.0 |  |
| **Falconiformes** | 7 | 25 | 3.6 | 3 | 42.9 | 7 | 28.0 | 2.3 | 1–4 |
| Falconidae | 7 | 25 | 3.6 | 3 | 42.9 | 7 | 28.0 | 2.3 | 1–4 |
| **Galliformes** | 5 | 22 | 4.4 | 4 | 80.0 | 10 | 45.5 | 2.5 | 1–3 |
| Phasianidae | 5 | 22 | 4.4 | 4 | 80.0 | 10 | 45.5 | 2.5 | 1–3 |
| **Gaviiformes** | 4 | 3 | 0.8 | 1 | 25.0 | 1 | 33.3 | 1.0 |  |
| Gaviidae | 4 | 3 | 0.8 | 1 | 25.0 | 1 | 33.3 | 1.0 |  |
| **Gruiformes** | 9 | 36 | 4.0 | 4 | 44.4 | 14 | 38.9 | 3.5 | 1–4 |
| Gruidae | 2 | 10 | 5.0 | 1 | 50.0 | 4 | 40.0 | 4.0 |  |
| Rallidae | 7 | 26 | 3.7 | 3 | 42.9 | 10 | 38.5 | 3.3 | 1–4 |
| **Otidiformes** | 3 | 2 | 0.7 | 1 | 33.3 | 1 | 50.0 | 1.0 |  |
| Otididae | 3 | 2 | 0.7 | 1 | 33.3 | 1 | 50.0 | 1.0 |  |
| **Passeriformes** | 139 | 416 | 3.0 | 69 | 49.6 | 154 | 37.0 | 2.2 | 1–6 |
| Acrocephalidae | 10 | 14 | 1.4 | 4 | 40.0 | 8 | 57.1 | 2.0 | 1–2 |
| Aegithalidae | 1 | 3 | 3.0 | 1 | 100.0 | 1 | 33.3 | 1.0 |  |
| Alaudidae | 5 | 17 | 3.4 | 2 | 40.0 | 5 | 29.4 | 2.5 | 2–3 |
| Bombycillidae | 1 | 4 | 4.0 | 1 | 100.0 | – | – | – |  |
| Calcariidae | 2 | 11 | 5.5 | – | – | – | – | – |  |
| Certhiidae | 2 | 2 | 1.0 | 1 | 50.0 | 1 | 50.0 | 1.0 |  |
| Cinclidae | 1 | 2 | 2.0 | 1 | 100.0 | 2 | 100.0 | 2.0 |  |
| Corvidae | 10 | 58 | 5.9 | 7 | 70.0 | 24 | 41.4 | 3.4 | 1–6 |
| Emberizidae | 8 | 24 | 3.0 | 2 | 25.0 | 7 | 29.2 | 3.5 | 3–4 |
| Fringillidae | 17 | 52 | 3.1 | 10 | 58.8 | 16 | 30.8 | 1.6 | 1–3 |
| Hirundinidae | 4 | 17 | 4.3 | 3 | 75.0 | 8 | 47.1 | 2.7 | 2–3 |
| Laniidae | 4 | 13 | 3.3 | 3 | 75.0 | 8 | 61.5 | 2.7 | 1–3 |
| Locustellidae | 3 | 4 | 1.3 | 2 | 66.7 | 3 | 75.0 | 1.5 | 1–2 |
| Motacillidae | 9 | 26 | 2.9 | 5 | 55.6 | 9 | 34.6 | 1.8 | 1–3 |
| Muscicapidae | 19 | 32 | 1.7 | 4 | 21.1 | 6 | 18.8 | 1.5 | 1–2 |
| Oriolidae | 1 | 5 | 5.0 | 1 | 100.0 | 3 | 60.0 | 3.0 |  |
| Panuridae | 1 | 2 | 2.0 | 1 | 100.0 | 2 | 100.0 | 2.0 |  |
| Paridae | 7 | 16 | 2.3 | 4 | 57.1 | 8 | 56.3 | 2.3 | 1–4 |
| Passeridae | 3 | 16 | 5.3 | 2 | 66.7 | 7 | 43.8 | 3.5 | 2–5 |
| Phylloscopidae | 8 | 12 | 1.5 | 2 | 25.0 | 2 | 16.7 | 1.0 |  |
| Prunellidae | 4 | 8 | 2.0 | 2 | 50.0 | 3 | 37.5 | 1.5 | 1–2 |
| Regulidae | 2 | 3 | 1.5 | – | – | 1 | 33.3 | 1.0 |  |
| Remizidae | 1 | 2 | 2.0 | 1 | 100.0 | 2 | 100.0 | 2.0 |  |
| Sittidae | 1 | 3 | 3.0 | 1 | 100.0 | 2 | 66.7 | 2.0 |  |
| Sturnidae | 2 | 9 | 4.5 | 1 | 50.0 | 4 | 44.4 | 4.0 |  |
| Sylviidae | 5 | 18 | 3.6 | 1 | 20.0 | 1 | 5.6 | 1.0 |  |
| Tichodromidae | 1 | 2 | 2.0 | – | – | – | – | – |  |
| Troglodytidae | 1 | 5 | 5.0 | 1 | 100.0 | 2 | 40.0 | 2.0 |  |
| Turdidae | 6 | 35 | 5.8 | 6 | 100.0 | 19 | 54.3 | 3.2 | 1–5 |
| **Pelecaniformes** | 12 | 30 | 2.5 | 6 | 50.0 | 8 | 26.7 | 1.3 | 1–2 |
| Ardeidae | 8 | 17 | 2.1 | 4 | 50.0 | 5 | 29.4 | 1.3 | 1–2 |
| Pelecanidae | 2 | 5 | 2.5 | – | – | – | – | – |  |
| Threskiornithidae | 2 | 8 | 4.0 | 2 | 100.0 | 3 | 37.5 | 1.5 | 1–2 |
| **Piciformes** | 10 | 28 | 2.8 | 8 | 80.0 | 16 | 57.1 | 2.0 | 1–3 |
| Picidae | 10 | 28 | 2.8 | 8 | 80.0 | 16 | 57.1 | 2.0 | 1–3 |
| **Podicipediformes** | 5 | 13 | 2.6 | 3 | 60.0 | 4 | 30.8 | 1.3 | 1–2 |
| Podicipedidae | 5 | 13 | 2.6 | 3 | 60.0 | 4 | 30.8 | 1.3 | 1–2 |
| **Pterocliformes** | 1 | 2 | 2.0 | – | – | – | – | – |  |
| Pteroclidae | 1 | 2 | 2.0 | – | – | – | – | – |  |
| **Strigiformes** | 12 | 34 | 2.8 | 7 | 58.3 | 10 | 29.4 | 1.4 | 1–2 |
| Strigidae | 11 | 29 | 2.6 | 6 | 54.5 | 8 | 27.6 | 1.3 | 1–2 |
| Tytonidae | 1 | 5 | 5.0 | 1 | 100.0 | 2 | 40.0 | 2.0 |  |
| **Suliformes** | 3 | 5 | 1.7 | 1 | 33.3 | 2 | 40.0 | 2.0 |  |
| Phalacrocoracidae | 3 | 5 | 1.7 | 1 | 33.3 | 2 | 40.0 | 2.0 |  |
|  |  |  |  |  |  |  |  |  |  |
| **Introduced birds** | **2** | **26** | **13.0** | **2** | **100.0** | **9** | **34.6** | **4.5** | **2–7** |
| **Columbiformes** | 1 | 14 | 14.0 | 1 | 100.0 | 2 | 14.3 | 2.0 |  |
| Columbidae | 1 | 14 | 14.0 | 1 | 100.0 | 2 | 14.3 | 2.0 |  |
| **Galliformes** | 1 | 12 | 12.0 | 1 | 100.0 | 7 | 58.3 | 7.0 |  |
| Phasianidae | 1 | 12 | 12.0 | 1 | 100.0 | 7 | 58.3 | 7.0 |  |
| **Captive birds** | **5** | **47** | **11.8** | **5** | **100.0** | **11** | **23.4** | **2.2** | **1–5** |
| **Galliformes** | 4 | 47 | 11.8 | 5 | 100.0 | 10 | 21.3 | 2.5 | 1–5 |
| Numididae | 1 | 18 | 18.0 | 1 | 100.0 | 1 | 5.6 | 1.0 |  |
| Phasianidae | 3 | 29 | 9.7 | 3 | 100.0 | 9 | 31.0 | 3.0 | 1–5 |
| **Strigiformes** | 1 | 1 | 1.0 | 1 | 100.0 | 1 | 100.0 | 1.0 |  |
| Strigidae | 1 | 1 | 1.0 | 1 | 100.0 | 1 | 100.0 | 1.0 |  |
|  |  |  |  |  |  |  |  |  |  |
| **MAMMALS** | **27** | **33** | **1.2** | **8** | **29.6** | **8** | **24.2** | **1.0** |  |
| **Carnivora** | 17 | 20 | 1.2 | 5 | 29.4 | 5 | 25.0 | 1.0 |  |
| Canidae | 4 | 4 | 1.0 | – | – | – | – | – |  |
| Felidae | 3 | 5 | 1.7 | 1 | 33.3 | 1 | 20.0 | 1.0 |  |
| Mustelidae | 8 | 9 | 1.1 | 4 | 50.0 | 4 | 44.4 | 1.0 |  |
| Procyonidae | 1 | 1 | 1.0 | – | – | – | – | – |  |
| Ursidae | 1 | 1 | 1.0 | – | – | – | – | – |  |
| **Cetartiodactyla** | 8 | 11 | 1.4 | 3 | 37.5 | 3 | 27.3 | 1.0 |  |
| Bovidae | 5 | 7 | 1.4 | 2 | 40.0 | 2 | 28.6 | 1.0 |  |
| Cervidae | 3 | 4 | 1.3 | 1 | 33.3 | 1 | 25.0 | 1.0 |  |
| **Perissodactyla** | 2 | 2 | 1.0 | – | – | – | – | – |  |
| Equiidae | 2 | 2 | 1.0 | – | – | – | – | – |  |
| **TOTAL** | **392** | **1349** | **3.4** | **179** | **45.6** | **366** | **27.2** | **2.0** | **1–7** |

**Supplementary Table S4.** **List of louse families and genera with potential and actual numbers of species and host-louse associations recorded in Slovakia.**

Records are taken from Price *et al.* (2003) and updated according to Mey (2004), Grossi *et al.* (2014) and Gustafsson & Bush (2017), see also Material and methods.

|  |  |  |
| --- | --- | --- |
|  | Potential louse genera and numbers of species from all hosts recorded in Slovakia | Louse genera with numbers of species and numbers of host-louse associations actually recorded in Slovakia and listed in this paper (including records at genus level) |
|  | Number of louse species (L1) | Host-louse associations (LH1) | Number of host species per louse(LH1/L1) | Number of louse species (L2) | L2/L1(%) | Host-louse associations (LH2) | LH2/LH1 (%) | Number of host species per louse(LH2/L2) | range | New host-louse associations(\*\* = worldwide) |
| **Amblycera** | **235** | **599** | **2.5** | **67** | **28.5** | **114** | **19.0** | **1.7** | **1–7** |  |
| **Laemobothriidae** | **7** | **38** | **5.4** | **2** | **28.6** | **2** | **5.3** | **1.0** |  |  |
| *Laemobothrion* | 7 | 38 | 5.4 | 2 | 28.6 | 2  | 5.3 | 1.0 |  |  |
| **Menoponidae** | **216** | **503** | **2.3** | **60** | **27.8** | **100** | **19.9** | **1.7** | **1–7** |  |
| *Actornithophilus* | 26 | 61 | 2.3 | 1 | 3.8 | 1 | 1.6 | 1.0 |  |  |
| *Amyrsidea* | 6 | 9 | 1.5 | 2 | 33.3 | 2 | 22.2 | 1.0 |  |  |
| *Ardeiphilus* | 2 | 2 | 1.0 | 1 | 50.0 | 1 | 50.0 | 1.0 |  |  |
| *Austromenopon* | 25 | 54 | 2.2 | 4 | 16.0 | 4 | 7.4 | 1.0 |  |  |
| *Bonomiella* | 2 | 2 | 1.0 | – | – | – | – | – |  |  |
| *Ciconiphilus* | 4 | 19 | 4.8 | 2 | 50.0 | 2 | 10.5 | 1.0 |  |  |
| *Clayia* | 1 | 1 | 1.0 | – | – | – | – | – |  |  |
| *Colpocephalum* | 29 | 59 | 2.0 | 7 | 24.1 | 13 | 22.0 | 1.9 | 1–2 | 2 |
| *Comatomenopon* | 2 | 2 | 1.0 | – | – | – | – | – |  |  |
| *Cuculiphilus* | 3 | 4 | 1.3 | – | – | – | – | – |  |  |
| *Dennyus* | 2 | 2 | 1.0 | 1 | 50.0 | 1 | 50.0 | 1.0 |  |  |
| *Eidmanniella* | 1 | 2 | 2.0 | 1 | 100.0 | 1 | 50.0 | 1.0 |  |  |
| *Eucolpocephalum* | 1 | 1 | 1.0 | – | – | – | – | – |  |  |
| *Eureum* | 1 | 1 | 1.0 | – | – | – | – | – |  |  |
| *Gruimenopon* | 1 | 1 | 1.0 | 1 | 100.0 | 1 | 100.0 | 1.0 |  |  |
| *Heleonomus* | 4 | 5 | 1.3 | 1 | 25.0 | 1 | 20.0 | 1.0 |  |  |
| *Hohorstiella* | 4 | 4 | 1.0 | – | – | – | – | – |  |  |
| *Holomenopon* | 9 | 37 | 4.1 | 2 | 22.2 | 2 | 5.4 | 1.0 |  | **\*\*** *Holomenopon clypeilargum* ex *Mergellus albellus* |
| *Kurodaia* | 9 | 17 | 1.9 | 4 | 44.4 | 5 | 29.4 | 1.3 | 1–2 | **\*\****Kurodaia* (*Conciella*) *cryptostigmatia* ex *Strix uralensis* |
| *Machaerilaemus* | 3 | 3 | 1.0 | 1 | 33.3 | 1 | 33.3 | 1.0 |  |  |
| *Menacanthus* | 28 | 105 | 3.8 | 14 | 50.0 | 36 | 34.3 | 2.6 | 1–8 | 8**\*\*** *Menacanthus eurysternus* ex *Turdus iliacus* |
| *Menopon* | 3 | 4 | 1.3 | 2 | 66.7 | 2 | 50.0 | 1.0 |  |  |
| *Meromenopon* | 2 | 2 | 1.0 | 1 | 50.0 | 1 | 50.0 | 1.0 |  |  |
| *Myrsidea* | 30 | 48 | 1.6 | 10 | 33.3 | 11 | 22.9 | 1.0 |  | **\*\*** *Myrsidea thoracica* ex *Turdus torquatus* |
| *Nosopon* | 6 | 14 | 2.3 | 1 | 16.7 | 1 | 7.1 | 1.0 |  |  |
| *Numidicola* | 1 | 1 | 1.0 | – | – | – | – | – |  |  |
| *Piagetiella* | 1 | 2 | 2.0 | – | – | – | – | – |  |  |
| *Plegadiphilus* | 1 | 1 | 1.0 | – | – | – | – | – |  |  |
| *Pseudomenopon* | 6 | 12 | 2.0 | 2 | 33.3 | 3 | 25.0 | 1.5 | 1–2 | 1 |
| *Somaphantus* | 1 | 1 | 1.0 |  |  |  |  |  |  |  |
| *Trinoton* | 2 | 27 | 13.5 | 2 | 100.0 | 10 | 37.0 | 5.0 | 3–7 | 2 |
| **Ricinidae** | **13** | **58** | **4.5** | **5** | **38.5** | **13** | **22.4** | **2.6** | **1–5** |  |
| *Ricinus* | 13 | 58 | 4.5 | 5 | 38.5 | 12 | 20.7 | 2.2 | 1–5 | 1 |
|  |  |  |  |  |  |  |  |  |  |  |
| **Ischnocera** | **529** | **750** | **1.4** | **196** | **37.1** | **252** | **33.6** | **1.3** | **1–9** |  |
| **Philopteridae** | **500** | **717** | **1.4** | **188** | **37.6** | **244** | **34.0** | **1.3** | **1–9** |  |
| *Acidoproctus* | 1 | 1 | 1.0 | – | – | – | – | – |  |  |
| *Acronirmus* | 2 | 5 | 2.5 | 1 | 50.0 | 2 | 40.0 | 2.0 |  | 1 |
| *Aegypoecus* | 3 | 3 | 1.0 | – | – | – | – | – |  |  |
| *Alcedoffula* | 1 | 1 | 1.0 | 1 | 100.0 | 1 | 100.0 | 1.0 |  |  |
| *Anaticola* | 10 | 34 | 3.4 | 4 | 40.0 | 9 | 26.5 | 2.3 | 1–3 |  |
| *Anatoecus* | 3 | 34 | 11.3 | 1 | 33.3 | 9 | 26.5 | 9.0 |  | 1 |
| *Aquanirmus* | 7 | 7 | 1.0 | 3 | 42.9 | 3 | 42.9 | 1.0 |  |  |
| *Ardeicola* | 9 | 10 | 1.1 | 5 | 55.6 | 5 | 50.0 | 1.0 |  |  |
| *Brueelia* | 48 | 60 | 1.3 | 21 | 43.8 | 27 | 45.0 | 1.3 | 1–2 |  |
| *Campanulotes* | 3 | 3 | 1.0 | 2 | 66.7 | 2 | 66.7 | 1.0 |  |  |
| *Capraiella* | 2 | 2 | 1.0 | 1 | 50.0 | 1 | 50.0 | 1.0 |  |  |
| *Carduiceps* | 7 | 13 | 1.9 | 1 | 14.3 | 1 | 7.7 | 1.0 |  |  |
| *Cincloecus* | 1 | 1 | 1.0 | 1 | 100.0 | 1 | 100.0 | 1.0 |  |  |
| *Cirrophthirius* | 1 | 1 | 1.0 | – | – | – | – | – |  |  |
| *Coloceras* | 11 | 14 | 1.3 | 2 | 18.2 | 2 | 14.3 | 1.0 |  |  |
| *Columbicola* | 6 | 9 | 1.5 | 3 | 50.0 | 4 | 44.4 | 1.3 | 1–2 |  |
| *Corvonirmus* | 3 | 4 | 1.3 | 2 | 66.7 | 2 | 50.0 | 1.0 |  |  |
| *Craspedonirmus* | 2 | 3 | 1.5 | 1 | 50.0 | 1 | 33.3 | 1.0 |  |  |
| *Craspedorrhynchus* | 16 | 16 | 1.0 | 7 | 43.8 | 9 | 56.3 | 1.3 | 1–2 |  |
| *Cuclotogaster* | 4 | 5 | 1.3 | 2 | 50.0 | 3 | 60.0 | 1.5 |  |  |
| *Cuculicola* | 2 | 2 | 1.0 | 1 | 50.0 | 1 | 50.0 | 1.0 |  |  |
| *Cuculoecus* | 1 | 1 | 1.0 | 1 | 100.0 | 1 | 100.0 | 1.0 |  |  |
| *Cummingsiella* | 5 | 5 | 1.0 | 2 | 40.0 | 2 | 40.0 | 1.0 |  |  |
| *Degeeriella* | 11 | 35 | 3.2 | 9 | 81.8 | 16 | 45.7 | 1.8 | 1–4 |  |
| *Esthiopterum* | 2 | 2 | 1.0 | 1 | 50.0 | 1 | 50.0 | 1.0 |  |  |
| *Falcolipeurus* | 5 | 12 | 2.4 | 2 | 40.0 | 2 | 16.7 | 1.0 |  |  |
| *Fulicoffula* | 4 | 4 | 1.0 | 3 | 75.0 | 3 | 75.0 | 1.0 |  | 1 |
| *Goniocotes* | 9 | 10 | 1.1 | 3 | 33.3 | 3 | 30.0 | 1.0 |  |  |
| *Goniodes* | 15 | 16 | 1.1 | 6 | 40.0 | 6 | 37.5 | 1.0 |  |  |
| *Guimaraesiella* | 9 | 12 | 1.3 | 2 | 22.2 | 2 | 16.7 | 1.0 |  |  |
| *Haffneria* | 1 | 3 | 3.0 | – | – | – | – | – |  |  |
| *Hecatrishula* | 6 | 8 | 1.3 | 1 | 16.7 | 2 | 25.0 | 2.0 |  |  |
| *Ibidoecus* | 2 | 2 | 1.0 | 2 | 100.0 | 2 | 100.0 | 1.0 |  |  |
| *Incidifrons* | 4 | 4 | 1.0 | – | – | – | – | – |  |  |
| *Lagopoecus* | 5 | 5 | 1.0 | 4 | 80.0 | 4 | 80.0 | 1.0 |  |  |
| *Lipeurus* | 6 | 10 | 1.7 | 3 | 50.0 | 3 | 30.0 | 1.0 |  |  |
| *Lunaceps* | 14 | 22 | 1.6 | 1 | 7.1 | 1 | 4.5 | 1.0 |  |  |
| *Maculinirmus* | 1 | 1 | 1.0 | 1 | 100.0 | 1 | 100.0 | 1.0 |  |  |
| *Meropoecus* | 1 | 1 | 1.0 | 1 | 100.0 | 1 | 100.0 | 1.0 |  |  |
| *Meropsiella* | 1 | 1 | 1.0 | 1 | 100.0 | 1 | 100.0 | 1.0 |  |  |
| *Mulcticola* | 1 | 1 | 1.0 | 1 | 100.0 | 1 | 100.0 | 1.0 |  |  |
| *Neophilopterus* | 2 | 2 | 1.0 | 2 | 100.0 | 2 | 100.0 | 1.0 |  |  |
| *Olivinirmus* | 3 | 3 | 1.0 | 1 | 33.3 | 1 | 33.3 | 1.0 |  |  |
| *Ornithobius* | 5 | 8 | 1.6 | 1 | 20.0 | 1 | 12.5 | 1.0 |  |  |
| *Osculonirmus* | 1 | 1 | 1.0 | – | – | – | – | – |  |  |
| *Otidoecus* | 2 | 2 | 1.0 | 1 | 50.0 | 1 | 50.0 | 1.0 |  |  |
| *Oxylipeurus* | 5 | 5 | 1.0 | 3 | 60.0 | 3 | 60.0 | 1.0 |  |  |
| *Pectinopygus* | 5 | 5 | 1.0 | 1 | 20.0 | 1 | 20.0 | 1.0 |  |  |
| *Penenirmus* | 29 | 36 | 1.2 | 8 | 27.6 | 12 | 33.3 | 1.5 | 1–4 |  |
| *Philopterus* | 65 | 83 | 1.3 | 33 | 50.8 | 50 | 60.2 | 1.5 | 1–5 |  |
| *Physconelloides* | 1 | 1 | 1.0 | – | – | – | – | – |  |  |
| *Picicola* | 3 | 5 | 1.7 | 2 | 66.7 | 3 | 60.0 | 1.5 | 1–2 |  |
| *Quadraceps* | 52 | 65 | 1.3 | 10 | 19.2 | 10 | 15.4 | 1.0 |  |  |
| *Rallicola* | 6 | 7 | 1.2 | 3 | 50.0 | 3 | 42.9 | 1.0 |  |  |
| *Rhynonirmus* | 3 | 3 | 1.0 | 1 | 33.3 | 1 | 33.3 | 1.0 |  |  |
| *Rostrinirmus* | 6 | 9 | 1.5 | 3 | 50.0 | 3 | 33.3 | 1.0 |  |  |
| *Rotundiceps* | 1 | 1 | 1.0 | – | – | – | – | – |  |  |
| *Saemundssonia* (*Saemundssonia*) | 38 | 68 | 1.8 | 5 | 13.2 | 6 | 8.8 | 1.2 | 1–2 |  |
| *Strigiphilus* | 16 | 17 | 1.1 | 8 | 50.0 | 8 | 47.1 | 1.0 |  |  |
| *Sturnidoecus* | 7 | 7 | 1.0 | 2 | 28.6 | 2 | 28.6 | 1.0 |  |  |
| *Syrrhaptoecus* | 2 | 2 | 1.0 | – | – | – | – | – |  |  |
| *Turdinirmus* | 1 | 2 | 2.0 | 1 | 100.0 | 1 | 50.0 | 1.0 |  |  |
| *Turturicola* | 1 | 1 | 1.0 | – | – | – | – | – |  |  |
| *Upupicola* | 1 | 1 | 1.0 | 1 | 100.0 | 1 | 100.0 | 1.0 |  |  |
| **Trichodectidae** | **29** | **33** | **1.14** | **8** | **27.6** | **8** | **24.2** | **1.0** |  |  |
| *Bovicola* | 12 | 12 | 1.0 | 2 | 16.7 | 2 | 16.7 | 1.0 |  |  |
| *Damalinia* | 1 | 1 | 1.0 | 1 | 100.0 | 1 | 100.0 | 1.0 |  |  |
| *Felicola* | 5 | 6 | 1.2 | 1 | 20.0 | 1 | 16.7 | 1.0 |  |  |
| *Lutridia* | 1 | 1 | 1.0 | – | – | – | – | – |  |  |
| *Stachiella* | 7 | 8 | 1.1 | 3 | 42.9 | 3 | 37.5 | 1.0 |  |  |
| *Trichodectes* | 3 | 5 | 1.7 | 1 | 33.3 | 1 | 20.0 | 1.0 |  |  |
| **TOTAL** | **765** | **1349** | **1.8** | **263** | **34.4** | **366** | **27.1** | **1.4** | **1–9** | **20** |

**Supplementary Table S5. List of host-louse associations of chewing lice in Slovakia, including potential and actual records.**

Hosts are listed in alphabetical order. Bird taxonomy follows the Slovak Ornithological Society (SOS/BirdLife Slovakia 2020) and includes 359 native, 2 introduced (feral populations of *Phasianus colchicus* and *Columba livia*)and five species of captive birds (*Gallus gallus*, *Numida meleagris*, *Pavo cristatus*, *Chrysolophus pictus* and *Bubo scandiacus*). Mammal taxonomy follows Krištofík & Danko (2012) and includes 17 native, 3 introduced and 7 species of captive mammals, which are known as hosts of chewing lice. (A) = (Amblycera); (I) = (Ischnocera); SK = actual host-louse association recorded in Slovakia; (sp.) = host-louse association determined only to genus level in Slovakia; # = first record of louse species from Slovakia; § = new host-louse association for Slovakia; \*\* = new host-louse association worldwide; † = no report of chewing lice worldwide.

|  |  |  |
| --- | --- | --- |
| **HOST TAXA** | **LOUSE TAXA** | **Qualifiers** |
| **AVES** |  |  |
| **Accipitriformes** |  |  |
| **Accipitridae** |  |  |
| *Accipiter brevipes* (Severtsov, 1850) | *Laemobothrion* (*Laemobothrion*) *maximum* (Scopoli, 1763) | (A) |
| *Accipiter gentilis* (Linnaeus, 1758) | *Colpocephalum nanum* Piaget, 1890 | (A) |
|  | *Colpocephalum polonum* (Eichler & Złotorzycka, 1971) | (A) |
|  | *Laemobothrion* (*Laemobothrion*) *maximum* (Scopoli, 1763) | (A) |
|  | *Nosopon lucidum* (Rudow, 1869) | (A) |
|  | *Craspedorrhynchus haematopus* (Scopoli, 1763) | (I) **SK #** |
|  | *Degeeriella vagans* (Giebel, 1874) | (I) **SK #** |
| *Accipiter nisus* (Linnaeus, 1758) | *Colpocephalum germanum* (Eichler & Złotorzycka, 1971) | (A) |
|  | *Colpocephalum nanum* Piaget, 1890 | (A) |
|  | *Laemobothrion* (*Laemobothrion*) *tinnunculi* (Linnaeus, 1758) | (A) |
|  | *Nosopon lucidum* (Rudow, 1869) | (A) |
|  | *Craspedorrhynchus nisi* (Denny, 1842) | (I) |
|  | *Degeeriella nisus* (Giebel, 1866)  | (I) **SK** |
| *Aegypius monachus* (Linnaeus, 1766) | *Colpocephalum turbinatum* Denny, 1842 | (A) |
|  | *Laemobothrion*(*Laemobothrion*) *vulturis* (Fabricius, J. C., 1775) | (A) |
|  | *Aegypoecus brevicollis* (Burmeister, 1838) | (I) |
|  | *Falcolipeurus quadripustulatus* (Burmeister, 1838) | (I) |
| *Aquila chrysaetos* (Linnaeus, 1758) | *Colpocephalum flavescens* (De Haan, 1829) | (A) |
|  | *Colpocephalum impressum* Rudow, 1866 | (A) **SK** |
|  | *Laemobothrion* (*Laemobothrion*) *maximum* (Scopoli, 1763) | (A) |
|  | *Laemobothrion* (*Laemobothrion*) *vulturis* (Fabricius, J. C., 1775) | (A) |
|  | *Craspedorrhynchus aquilinus* (Denny, 1842) | (I) **SK** |
|  | *Degeeriella aquilarum* Eichler, 1943 | (I) |
|  | *Degeeriella fulva* (Giebel, 1874) | (I) **SK** |
|  | *Falcolipeurus suturalis* (Rudow, 1869) | (I) **SK** |
| *Aquila heliaca* Savigny, 1809 | *Colpocephalum* sp. | (A) **SK** |
|  | *Laemobothrion* (*Laemobothrion*) *vulturis* (Fabricius, J. C., 1775) | (A) |
|  | *Craspedorrhynchus fraterculus* Eichler & Złotorzycka, 1975 | (I) **SK (sp.)** |
|  | *Degeeriella aquilarum* Eichler, 1943 | (I) |
|  | *Degeeriella fulva* (Giebel, 1874) | (I) |
|  | *Falcolipeurus suturalis* (Rudow, 1869) | (I) |
| *Aquila nipalensis* Hodgson, 1833 | *Colpocephalum impressum* Rudow, 1866 | (A) |
|  | *Laemobothrion* (*Laemobothrion*) *maximum* (Scopoli, 1763) | (A) |
|  | *Laemobothrion* (*Laemobothrion*) *vulturis* (Fabricius, J. C., 1775) | (A) |
|  | *Nosopon chanabense* (Ansari, 1951) | (A) |
|  | *Degeeriella aquilarum* Eichler, 1943 | (I) |
|  | *Degeeriella fulva* (Giebel, 1874) | (I) |
|  | *Falcolipeurus suturalis* (Rudow, 1869) | (I) |
| *Buteo buteo* (Linnaeus, 1758) | *Colpocephalum nanum* Piaget, 1890 | (A) **SK #** |
|  | *Colpocephalum turbinatum* Denny, 1842 | (A) |
|  | *Kurodaia* (*Kurodaia*) *fulvofasciata* (Piaget, 1880) | (A) **SK #** |
|  | *Laemobothrion* (*Laemobothrion*) *maximum* (Scopoli, 1763) | (A) |
|  | *Laemobothrion* (*Laemobothrion*) *tinnunculi* (Linnaeus, 1758) | (A) |
|  | *Craspedorrhynchus platystomus* (Burmeister, 1838) | (I) **SK** |
|  | *Degeeriella fulva* (Giebel, 1874) | (I) **SK** |
|  | *Degeeriella nisus* (Giebel, 1866) | (I) |
|  | *Falcolipeurus suturalis* (Rudow, 1869) | (I) |
| *Buteo lagopus* (Pontoppidan, 1763) | *Colpocephalum nanum* Piaget, 1890 | (A) **SK #** |
|  | *Kurodaia* (*Kurodaia*) *fulvofasciata* (Piaget, 1880) | (A) |
|  | *Laemobothrion* (*Laemobothrion*) *maximum* (Scopoli, 1763) | (A) |
|  | *Craspedorrhynchus dilatatus* (Rudow, 1869) | (I) **SK** |
|  | *Degeeriella fulva* (Giebel, 1874) | (I) **SK** |
| *Buteo rufinus* (Cretzschmar, 1829) | *Colpocephalum nanum* Piaget, 1890 | (A) |
|  | *Laemobothrion* (*Laemobothrion*) *maximum* (Scopoli, 1763) | (A) |
|  | *Craspedorrhynchus platystomus* (Burmeister, 1838) | (I) **SK**  |
|  | *Degeeriella fulva* (Giebel, 1874) | (I) **SK** |
| *Circaetus gallicus* (Gmelin, 1788) | *Kurodaia* (*Kurodaia*) *fulvofasciata* (Piaget, 1880) | (A) |
|  | *Laemobothrion* (*Laemobothrion*) *maximum* (Scopoli, 1763) | (A) |
|  | *Craspedorrhynchus triangularis* (Rudow, 1869) | (I) |
|  | *Degeeriella leucopleura* (Nitzsch, 1874) | (I) **SK** |
|  | *Falcolipeurus quadripustulatus* (Burmeister, 1838) | (I) |
| *Circus aeruginosus* (Linnaeus, 1758) | *Colpocephalum turbinatum* Denny, 1842 | (A) **SK** |
|  | *Laemobothrion* (*Laemobothrion*) *maximum* (Scopoli, 1763) | (A) |
|  | *Nosopon lucidum* (Rudow, 1869) | (A) |
|  | *Craspedorrhynchus rotundatus* (Piaget, 1880) | (I) |
|  | *Degeeriella fusca* (Denny, 1842) | (I) **SK** |
| *Circus cyaneus* (Linnaeus, 1766) | *Colpocephalum turbinatum* Denny, 1842 | (A) |
|  | *Kurodaia* (*Kurodaia*) *fulvofasciata* (Piaget, 1880) | (A) |
|  | *Laemobothrion* (*Laemobothrion*) *maximum* (Scopoli, 1763) | (A) |
|  | *Nosopon lucidum* (Rudow, 1869) | (A) |
|  | *Degeeriella fusca* (Denny, 1842) | (I) **SK** |
| *Circus macrourus* (Gmelin, 1770) | *Degeeriella fusca* (Denny, 1842) | (I) **SK** |
| *Circus pygargus* (Linnaeus, 1758) | *Laemobothrion* (*Laemobothrion*) *maximum* (Scopoli, 1763) | (A) |
|  | *Nosopon lucidum* (Rudow, 1869) | (A) |
|  | *Degeeriella fusca* (Denny, 1842) | (I) |
| *Clanga clanga* (Pallas, 1811) | *Laemobothrion* (*Laemobothrion*) *vulturis* (J.C. Fabricius, 1775) | (A) |
|  | *Degeeriella aquilarum* Eichler, 1943 | (I) |
|  | *Degeeriella fulva* (Giebel, 1874) | (I) |
|  | *Falcolipeurus suturalis* (Rudow, 1869) | (I) |
| *Clanga pomarina* (Brehm, CL, 1831) | *Colpocephalum impressum* Rudow, 1866 | (A) **SK §** |
|  | *Laemobothrion* (*Laemobothrion*) *vulturis* (Fabricius, J. C., 1775) | (A) |
|  | *Craspedorrhynchus naevius* (Giebel, 1861) | (I) **SK** |
|  | *Degeeriella aquilarum* Eichler, 1943 | (I) **SK** |
|  | *Degeeriella fulva* (Giebel, 1874) | (I) |
|  | *Falcolipeurus suturalis* (Rudow, 1869) | (I) |
| *Elanus caeruleus* (Desfontaines, 1789) | *Nosopon lucidum* (Rudow, 1869) | (A) |
|  | *Craspedorrhynchus hopkinsi* Tendeiro, 1955 | (I) |
|  | *Degeeriella elani* Tendeiro, 1955 | (I) |
| *Gyps fulvus* (Hablizl, 1783) | *Colpocephalum gypsi* (Eichler & Złotorzycka, 1971) | (A) |
|  | *Colpocephalum turbinatum* Denny, 1842 | (A) |
|  | *Cuculiphilus gypsis* (Eichler, 1944) | (A) |
|  | *Laemobothrion* (*Laemobothrion*) *vulturis* (Fabricius, J. C., 1775) | (A) |
|  | *Nosopon pasteli* Tendeiro, 1959 | (A) |
|  | *Aegypoecus trigonoceps* (Giebel, 1874) | (I) |
|  | *Falcolipeurus quadripustulatus* (Burmeister, 1838) | (I) |
| *Haliaeetus albicilla* (Linnaeus, 1758) | *Colpocephalum flavescens* (De Haan, 1829) | (A) **SK** |
|  | *Laemobothrion* (*Laemobothrion*) *vulturis* (Fabricius, J. C., 1775) | (A) |
|  | *Craspedorrhynchus macrocephalus* (Nitzsch, 1874) | (I) **SK** |
|  | *Degeeriella discocephalus* (Burmeister, 1838) | (I) **SK** |
|  | *Falcolipeurus sulcifrons* (Denny, 1842) | (I) **SK** |
| *Hieraaetus pennatus* (Gmelin, JF, 1788) | *Colpocephalum milvi* Tendeiro, Restivo & Demartis, 1979 | (A) |
|  | *Colpocephalum turbinatum* Denny, 1842 | (A) |
|  | *Laemobothrion* (*Laemobothrion*) *maximum* (Scopoli, 1763) | (A) |
|  | *Craspedorrhynchus ranjhae* Ansari, 1955 | (I) |
|  | *Degeeriella fulva* (Giebel, 1874) | (I) |
|  | *Falcolipeurus yasminae* Ansari, 1956 | (I) |
| *Milvus migrans* (Boddaert, 1783) | *Colpocephalum ecaudati* Price & Beer, 1963 | (A) |
|  | *Colpocephalum milvi* Tendeiro, Restivo & Demartis, 1979 | (A) |
|  | *Colpocephalum turbinatum* Denny, 1842 | (A) |
|  | *Laemobothrion* (*Laemobothrion*) *maximum* (Scopoli, 1763) | (A) |
|  | *Nosopon milvus* Tendeiro, 1959 | (A) |
|  | *Craspedorrhynchus spathulatus* (Giebel, 1874) | (I) |
|  | *Degeeriella regalis* (Giebel, 1866) | (I) **SK** |
| *Milvus milvus* (Linnaeus, 1758) | *Colpocephalum milvi* Tendeiro, Restivo & Demartis, 1979 | (A) |
|  | *Colpocephalum turbinatum* Denny, 1842 | (A) |
|  | *Laemobothrion* (*Laemobothrion*) *maximum* (Scopoli, 1763) | (A) |
|  | *Degeeriella regalis* (Giebel, 1866) | (I) |
| *Neophron percnopterus* (Linnaeus, 1758) | *Colpocephalum percnopteri* Price & Beer, 1963 | (A) |
|  | *Colpocephalum turbinatum* Denny, 1842 | (A) |
|  | *Laemobothrion* (*Laemobothrion*) *vulturis* (Fabricius, J. C., 1775) | (A) |
|  | *Nosopon atyeoi* Price & Emerson, 1984 | (A) |
|  | *Aegypoecus perspicuus* (Kellogg, 1914) | (I) |
|  | *Falcolipeurus frater* (Giebel, 1874) | (I) |
| *Pernis apivorus* (Linnaeus, 1758) | *Colpocephalum apivorus* Tendeiro, 1958 | (A) |
|  | *Colpocephalum turbinatum* Denny, 1842 | (A) |
|  | *Laemobothrion* (*Laemobothrion*) *maximum* (Scopoli, 1763) | (A) |
|  | *Nosopon clayae* Price & Beer, 1963 | (A) |
|  | *Craspedorrhynchus melittoscopus* (Nitzsch, 1874) | (I) **SK** |
|  | *Degeeriella fulva* (Giebel, 1874) | (I) |
|  | *Degeeriella phlyctopygus* (Nitzsch, 1861) | (I) |
| **Pandionidae** |  |  |
| *Pandion haliaetus* (Linnaeus, 1758) | *Colpocephalum napiforme* Rudow, 1869 | (A) |
|  | *Colpocephalum turbinatum* Denny, 1842 | (A) |
|  | *Kurodaia* (*Kurodaia*) *haliaeeti* (Denny, 1842) | (A) **SK** |
|  | *Laemobothrion* (*Laemobothrion*) *maximum* (Scopoli, 1763) | (A) |
| **Anseriformes** |  |  |
| **Anatidae** |  |  |
| *Anas acuta* Linnaeus, 1758 | *Holomenopon acutae* Price, 1971 | (A) |
|  | *Holomenopon clypeilargum* Eichler, 1943 | (A) |
|  | *Holomenopon leucoxanthum* (Burmeister, 1838) | (A) |
|  | *Holomenopon setigerum* (Blagoveshtchensky, 1948) | (A) |
|  | *Trinoton querquedulae* (Linnaeus, 1758) | (A) **SK** |
|  | *Anaticola crassicornis* (Scopoli, 1763) | (I) |
|  | *Anatoecus dentatus* (Scopoli, 1763) | (I) |
| *Anas crecca* Linnaeus, 1758 | *Holomenopon clypeilargum* Eichler, 1943 | (A) |
|  | *Holomenopon leucoxanthum* (Burmeister, 1838) | (A) |
|  | *Holomenopon setigerum* (Blagoveshtchensky, 1948) | (A) |
|  | *Trinoton querquedulae* (Linnaeus, 1758) | (A) **SK** |
|  | *Anaticola crassicornis* (Scopoli, 1763) | (I) |
|  | *Anatoecus dentatus* (Scopoli, 1763) | (I) |
| *Anas platyrhynchos* Linnaeus, 1758 | *Holomenopon leucoxanthum* (Burmeister, 1838) | (A) |
|  | *Holomenopon maxbeieri* Eichler, 1954 | (A) |
|  | *Holomenopon transvaalense* (Bedford, 1920) | (A) |
|  | *Trinoton querquedulae* (Linnaeus, 1758) | (A) **SK** |
|  | *Anaticola crassicornis* (Scopoli, 1763) | (I) **SK** |
|  | *Anatoecus dentatus* (Scopoli, 1763) | (I) **SK** |
| *Anser albifrons* (Scopoli, 1769) | *Ciconiphilus pectiniventris* (Harrison, 1916) | (A) |
|  | *Laemobothrion* (*Laemobothrion*) *maximum* (Scopoli, 1763) | (A) |
|  | *Trinoton anserinum* (Fabricius, J. C., 1805) | (A) |
|  | *Anaticola anseris* (Linnaeus, 1758) | (I) **SK** |
|  | *Anaticola crassicornis* (Scopoli, 1763) | (I) |
|  | *Anatoecus dentatus* (Scopoli, 1763) | (I) |
| *Anser anser* (Linnaeus, 1758) | *Ciconiphilus pectiniventris* (Harrison, 1916) | (A) |
|  | *Holomenopon leucoxanthum* (Burmeister, 1838) | (A) |
|  | *Trinoton anserinum* (Fabricius, J. C., 1805) | (A) |
|  | *Anaticola anseris* (Linnaeus, 1758) | (I) |
|  | *Anaticola crassicornis* (Scopoli, 1763) | (I) |
|  | *Anatoecus dentatus* (Scopoli, 1763) | (I) |
|  | *Ornithobius mathisi* (Neumann, 1912) | (I) |
| *Anser brachyrhynchus* Baillon, 1834 | *Ciconiphilus pectiniventris* (Harrison, 1916) | (A) **SK #** |
|  | *Trinoton anserinum* (Fabricius, J. C., 1805) | (A) **SK**  |
|  | *Anaticola anseris* (Linnaeus, 1758) | (I) **SK** |
|  | *Anatoecus* sp. | (I) **SK**  |
| *Anser erythropus* (Linnaeus, 1758) | *Anatoecus dentatus* (Scopoli, 1763) | (I) |
| *Anser fabalis* (Latham, 1787) | *Ciconiphilus pectiniventris* (Harrison, 1916) | (A) |
|  | *Trinoton anserinum* (Fabricius, J. C., 1805) | (A) **SK**  |
|  | *Anaticola anseris* (Linnaeus, 1758) | (I) **SK** |
|  | *Anatoecus dentatus* (Scopoli, 1763) | (I) **SK** |
|  | *Ornithobius mathisi* (Neumann, 1912) | (I) |
| *Anser serrirostris* Gould, 1852 |  | † |
| *Aythya collaris* (Donovan, 1809) | *Holomenopon clypeilargum* Eichler, 1943 | (A) |
|  | *Holomenopon leucoxanthum* (Burmeister, 1838) | (A) |
|  | *Trinoton querquedulae* (Linnaeus, 1758) | (A) |
|  | *Anaticola mergiserrati* (De Geer, 1778) | (I) |
|  | *Anatoecus dentatus* (Scopoli, 1763) | (I) |
| *Aythya ferina* (Linnaeus, 1758) | *Holomenopon leucoxanthum* (Burmeister, 1838) | (A) |
|  | *Trinoton querquedulae* (Linnaeus, 1758) | (A) **SK §** |
|  | *Anaticola mergiserrati* (De Geer, 1778) | (I) |
|  | *Anatoecus dentatus* (Scopoli, 1763) | (I) **SK §** |
| *Aythya fuligula* (Linnaeus, 1758) | *Holomenopon leucoxanthum* (Burmeister, 1838) | (A) |
|  | *Trinoton querquedulae* (Linnaeus, 1758) | (A) **SK §** |
|  | *Anaticola mergiserrati* (De Geer, 1778) | (I) **SK #** |
|  | *Anatoecus dentatus* (Scopoli, 1763) | (I) |
| *Aythya marila* (Linnaeus, 1761) | *Holomenopon leucoxanthum* (Burmeister, 1838) | (A) |
|  | *Trinoton querquedulae* (Linnaeus, 1758) | (A) |
|  | *Anaticola mergiserrati* (De Geer, 1778) | (I) |
|  | *Anatoecus dentatus* (Scopoli, 1763) | (I) |
| *Aythya nyroca* (Güldenstädt, 1770) | *Trinoton querquedulae* (Linnaeus, 1758) | (A) |
|  | *Anaticola mergiserrati* (De Geer, 1778) | (I) |
|  | *Anatoecus dentatus* (Scopoli, 1763) | (I) |
| *Branta bernicla* (Linnaeus, 1758) | *Ciconiphilus pectiniventris* (Harrison, 1916) | (A) |
|  | *Holomenopon tadornae* (Gervais, 1844) | (A) |
|  | *Anaticola rheinwaldi* Eichler & Vasjukova, 1980 | (I) |
|  | *Anatoecus dentatus* (Scopoli, 1763) | (I) |
| *Branta leucopsis* (Bechstein, 1803) | *Ciconiphilus pectiniventris* (Harrison, 1916) | (A) |
|  | *Anaticola anseris* (Linnaeus, 1758) | (I) |
|  | *Anatoecus dentatus* (Scopoli, 1763) | (I) |
|  | *Ornithobius goniopleurus* Denny, 1842 | (I) |
| *Branta ruficollis* (Pallas, 1769) | *Anaticola beieri* Eichler, 1954 | (I) **SK** |
|  | *Anatoecus dentatus* (Scopoli, 1763) | (I) **SK** |
| *Bucephala clangula* (Linnaeus, 1758) | *Ciconiphilus cygni* Price & Beer, 1965 | (A) |
|  | *Holomenopon bucephalae* Price, 1971 | (A) |
|  | *Trinoton querquedulae* (Linnaeus, 1758) | (A) |
|  | *Anaticola clangulae* (Fabricius, O., 1780) | (I) |
|  | *Anatoecus dentatus* (Scopoli, 1763)  | (I) |
| *Clangula hyemalis* (Linnaeus, 1758) | *Holomenopon leucoxanthum* (Burmeister, 1838)  | (A) |
|  | *Trinoton querquedulae* (Linnaeus, 1758)  | (A) |
|  | *Anaticola branderi* Eichler & Hackman, 1973 | (I) |
|  | *Anatoecus dentatus* (Scopoli, 1763)  | (I) |
| *Cygnus columbianus* (Ord, 1815) | *Ciconiphilus cygni* Price & Beer, 1965 | (A) |
|  | *Trinoton anserinum* (Fabricius, J. C., 1805) | (A) |
|  | *Anatoecus cygni* (Denny, 1842) | (I) |
|  | *Ornithobius cygni* (Linnaeus, 1758) | (I) |
|  | *Ornithobius waterstoni* Timmermann, 1962 | (I) |
| *Cygnus cygnus* (Linnaeus, 1758) | *Ciconiphilus cygni* Price & Beer, 1965 | (A) |
|  | *Trinoton anserinum* (Fabricius, J. C., 1805) | (A)  |
|  | *Anaticola crassicornis* (Scopoli, 1763) | (I) |
|  | *Anatoecus cygni* (Denny, 1842) | (I) |
|  | *Ornithobius cygni* (Linnaeus, 1758) | (I) |
| *Cygnus olor* (Gmelin, JF, 1789) | *Ciconiphilus cygni* Price & Beer, 1965 | (A) |
|  | *Ciconiphilus pectiniventris* (Harrison, 1916) | (A) |
|  | *Trinoton anserinum* (Fabricius, J. C., 1805) | (A) **SK** |
|  | *Anatoecus dentatus* (Scopoli, 1763) | (I) **SK** |
|  | *Anatoecus penicillatus* Kéler, 1960 | (I) |
|  | *Ornithobius bucephalus* (Giebel, 1874) | (I) **SK #** |
| *Histrionicus histrionicus* (Linnaeus, 1758) | *Trinoton querquedulae* (Linnaeus, 1758) | (A) |
|  | *Anaticola tamarae* Eichler, 1981 | (I) |
| *Mareca penelope* (Linnaeus, 1758) | *Holomenopon clypeilargum* Eichler, 1943 | (A) |
|  | *Holomenopon leucoxanthum* (Burmeister, 1838) | (A) |
|  | *Trinoton querquedulae* (Linnaeus, 1758) | (A) |
|  | *Anaticola crassicornis* (Scopoli, 1763) | (I) |
|  | *Anatoecus dentatus* (Scopoli, 1763) | (I) |
| *Mareca strepera* (Linnaeus, 1758) | *Holomenopon clypeilargum* Eichler, 1943 | (A) |
|  | *Holomenopon leucoxanthum* (Burmeister, 1838) | (A) |
|  | *Holomenopon setigerum* (Blagoveshtchensky, 1948) | (A) |
|  | *Trinoton querquedulae* (Linnaeus, 1758) | (A) |
|  | *Anaticola crassicornis* (Scopoli, 1763) | (I) |
|  | *Anatoecus dentatus* (Scopoli, 1763) | (I) |
|  | *Ornithobius goniopleurus* Denny, 1842 | (I) |
| *Melanitta fusca* (Linnaeus, 1758) | *Holomenopon loomisii* (Kellogg, 1896) | (A) |
|  | *Trinoton querquedulae* (Linnaeus, 1758) | (A) |
|  | *Anaticola mergiserrati* (De Geer, 1778) | (I) |
|  | *Anatoecus dentatus* (Scopoli, 1763) | (I) |
| *Melanitta nigra* (Linnaeus, 1758) | *Holomenopon leucoxanthum* (Burmeister, 1838) | (A) |
|  | *Trinoton querquedulae* (Linnaeus, 1758) | (A) |
|  | *Anaticola angustolimbatus* (Giebel, 1866) | (I) |
|  | *Anatoecus dentatus* (Scopoli, 1763) | (I) |
| *Mergellus albellus* (Linnaeus, 1758) | *Holomenopon clypeilargum* Eichler, 1943 | (A) **SK § \*\*** |
|  | *Trinoton querquedulae* (Linnaeus, 1758) | (A) **SK** |
|  | *Anaticola mergiserrati* (De Geer, 1778) | (I) **SK #** |
|  | *Anatoecus dentatus* (Scopoli, 1763) | (I) **SK** |
| *Mergus merganser* Linnaeus, 1758 | *Holomenopon clypeilargum* Eichler, 1943 | (A) |
|  | *Trinoton querquedulae* (Linnaeus, 1758) | (A) |
|  | *Anaticola mergiserrati* (De Geer, 1778) | (I) |
|  | *Anatoecus dentatus* (Scopoli, 1763) | (I) **SK** |
| *Mergus serrator* Linnaeus, 1758 | *Holomenopon loomisii* (Kellogg, 1896) | (A) |
|  | *Trinoton querquedulae* (Linnaeus, 1758) | (A) |
|  | *Anaticola mergiserrati* (De Geer, 1778) | (I) |
|  | *Anatoecus dentatus* (Scopoli, 1763) | (I) |
| *Netta rufina* (Pallas, 1773) | *Holomenopon leucoxanthum* (Burmeister, 1838) | (A) |
|  | *Trinoton querquedulae* (Linnaeus, 1758) | (A) |
|  | *Acidoproctus moschatae* (Linnaeus, 1758) | (I) |
|  | *Anaticola mergiserrati* (De Geer, 1778) | (I) |
|  | *Anatoecus dentatus* (Scopoli, 1763) | (I) |
| *Oxyura leucocephala* (Scopoli, 1769) | *Anatoecus dentatus* (Scopoli, 1763) | (I) |
| *Somateria mollissima* (Linnaeus, 1758) | *Holomenopon loomisii* (Kellogg, 1896) | (A) |
|  | *Trinoton querquedulae* (Linnaeus, 1758) | (A) |
|  | *Anaticola mergiserrati* (De Geer, 1778) | (I) |
|  | *Anatoecus dentatus* (Scopoli, 1763) | (I) |
| *Spatula clypeata* (Linnaeus, 1758) | *Holomenopon clypeilargum* Eichler, 1943 | (A) |
|  | *Holomenopon leucoxanthum* (Burmeister, 1838) | (A) |
|  | *Holomenopon setigerum* (Blagoveshtchensky, 1948) | (A) |
|  | *Trinoton querquedulae* (Linnaeus, 1758) | (A) |
|  | *Anaticola crassicornis* (Scopoli, 1763) | (I) **SK** |
|  | *Anatoecus dentatus* (Scopoli, 1763) | (I) |
| *Spatula querquedula* (Linnaeus, 1758) | *Holomenopon clypeilargum* Eichler, 1943 | (A) |
|  | *Holomenopon setigerum* (Blagoveshtchensky, 1948)  | (A) |
|  | *Trinoton querquedulae* (Linnaeus, 1758) | (A) **SK** |
|  | *Anaticola crassicornis* (Scopoli, 1763) | (I) **SK** |
|  | *Anatoecus dentatus* (Scopoli, 1763) | (I) **SK** |
| *Tadorna tadorna* (Linnaeus, 1758) | *Holomenopon leucoxanthum* (Burmeister, 1838) | (A) |
|  | *Holomenopon tadornae* (Gervais, 1844) | (A) **SK** |
|  | *Anaticola tadornae* (Denny, 1842) | (I) |
|  | *Anatoecus dentatus* (Scopoli, 1763) | (I) |
| **Apodiformes** |  |  |
| **Apodidae** |  |  |
| *Apus apus* (Linnaeus, 1758) | *Dennyus hirundinis* (Linnaeus, 1761) | (A) **SK** |
|  | *Eureum cimicoides* Burmeister, 1838 | (A) |
| *Tachymarptis melba* (Linnaeus, 1758) | *Dennyus vonarxi* Büttiker, 1954 | (A) |
| **Bucerotiformes** |  |  |
| **Upupidae** |  |  |
| *Upupa epops* Linnaeus, 1758 | *Menacanthus fertilis* (Nitzsch [in Giebel], 1866) | (A) **SK** |
|  | *Upupicola upupae* (Schrank, 1803) | (I) **SK** |
| **Caprimulgiformes** |  |  |
| **Caprimulgidae** |  |  |
| *Caprimulgus europaeus* Linnaeus, 1758 | *Mulcticola hypoleucus* (Denny, 1842) | (I) **SK** |
| **Charadriiformes** |  |  |
| **Burhinidae** |  |  |
| *Burhinus oedicnemus* (Linnaeus, 1758) | *Actornithophilus tetralicis* Clay, 1962 | (A) |
|  | *Brueelia immaculata* (Piaget, 1890) | (I) |
|  | *Quadraceps annulatus* (Denny, 1842) | (I) |
| **Glareolidae** |  |  |
| *Glareola nordmanni* von Waldheim, 1842 |  | † |
| *Glareola pratincola* (Linnaeus, 1766) | *Actornithophilus sedes* Eichler, 1944 | (A) |
|  | *Quadraceps ellipticus* (Nitzsch [in Giebel], 1866) | (I) |
|  | *Quadraceps kirghizicus* (Kasiev, 1982) | (I) |
| **Haematopodidae** |  |  |
| *Haematopus ostralegus* Linnaeus, 1758 | *Actornithophilus grandiceps* (Piaget, 1880) | (A) |
|  | *Austromenopon haematopi* Timmermann, 1954 | (A) |
|  | *Lunaceps numenii numenii* (Denny, 1842) | (I) |
|  | *Quadraceps auratus* (De Haan, 1829) | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *haematopi* (Linnaeus, 1758) | (I) |
| **Charadriidae** |  |  |
| *Charadrius alexandrinus* Linnaeus, 1758 | *Actornithophilus nodularis* Martinho Guimarães, 1988 | (A) |
|  | *Austromenopon aegialitidis* (Durrant, 1906) | (A) |
|  | *Quadraceps geminus* Timmermann, 1958 | (I) |
|  | *Quadraceps macrocephalus* (Waterston, 1914) | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *platygaster pastoris* Timmermann, 1969 | (I) |
| *Charadrius dubius* Scopoli, 1786 | *Actornithophilus ochraceus* (Nitzsch, 1818) | (A) **SK #** |
|  | *Austromenopon aegialitidis* (Durrant, 1906) | (A) |
|  | *Quadraceps bicuspis* (Nitzsch, 1874) | (I) **SK** |
|  | *Saemundssonia* (*Saemundssonia*) *platygaster* (Denny, 1842) | (I) |
| *Charadrius hiaticula* Linnaeus, 1758 | *Actornithophilus ochraceus* (Nitzsch, 1818) | (A) |
|  | *Austromenopon aegialitidis* (Durrant, 1906) | (A) |
|  | *Quadraceps fissus* (Burmeister, 1838) | (I) **SK** |
|  | *Quadraceps hiaticulae* (Fabricius, O., 1780) | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *platygaster platygaster* (Denny, 1842) | (I) |
| *Charadrius morinellus* Linnaeus, 1758 | *Actornithophilus ochraceus* (Nitzsch, 1818) | (A) |
|  | *Quadraceps punctifer* Hopkins, 1949 | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *platygaster semivittata* (Giebel, 1874) | (I) |
| *Pluvialis apricaria* (Linnaeus, 1758) | *Actornithophilus ochraceus* (Nitzsch, 1818) | (A) |
|  | *Quadraceps charadrii* (Linnaeus, 1758) | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *conica conica* (Denny, 1842) | (I) |
| *Pluvialis fulva* (Gmelin, JF, 1789) | *Actornithophilus ochraceus* (Nitzsch, 1818) | (A) |
|  | *Quadraceps macrocephalus* (Waterston, 1914) | (I) |
|  | *Quadraceps orarius* (Kellogg, 1896) | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *conica conica* (Denny, 1842) | (I) |
| *Pluvialis squatarola* (Linnaeus, 1758) | *Actornithophilus ochraceus* (Nitzsch, 1818) | (A) |
|  | *Austromenopon squatarolae* Timmermann, 1954 | (A) |
|  | *Lunaceps incoenis* (Kellogg & Chapman, 1899) | (I) |
|  | *Quadraceps hospes* (Nitzsch [in Giebel], 1866) | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *conica naumanni* (Giebel, 1866) | (I) |
| *Vanellus gregarius* (Pallas, 1771) | *Actornithophilus ochraceus* (Nitzsch, 1818) | (A) |
|  | *Austromenopon gregariae* Timmermann, 1954 | (A) |
|  | *Quadraceps kilimandjarensis* (Kellogg, 1910) | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *platygaster temporalis* (Giebel, 1874) | (I) |
| *Vanellus vanellus* (Linnaeus, 1758) | *Actornithophilus gracilis* (Piaget, 1880) | (A) **SK** |
|  | *Austromenopon aegialitidis* (Durrant, 1906) | (A) |
|  | *Lunaceps holophaeus* (Burmeister, 1838) | (I) |
|  | *Quadraceps junceus* (Scopoli, 1763) | (I) **SK** |
|  | *Saemundssonia* (*Saemundssonia*) *platygaster temporalis* (Giebel, 1874) | (I) |
| **Laridae** |  |  |
| *Chlidonias hybrida* (Pallas, 1811) | *Actornithophilus piceus piceus* (Denny, 1842) | (A) |
|  | *Austromenopon atrofulvum* (Piaget, 1880) | (A) |
|  | *Quadraceps anagrapsus* (Nitzsch [in Giebel], 1866) | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *lobaticeps* (Giebel, 1874) | (I) |
| *Chlidonias leucopterus* (Temminck, 1815) | *Actornithophilus piceus piceus* (Denny, 1842) | (A) |
|  | *Austromenopon atrofulvum* (Piaget, 1880) | (A) |
|  | *Quadraceps anagrapsus* (Nitzsch [in Giebel], 1866) | (I) **SK** |
|  | *Saemundssonia* (*Saemundssonia*) *lobaticeps* (Giebel, 1874) | (I) **SK** |
| *Chlidonias niger* (Linnaeus, 1758) | *Actornithophilus piceus piceus* (Denny, 1842) | (A) |
|  | *Austromenopon atrofulvum* (Piaget, 1880) | (A) |
|  | *Quadraceps phaeonotus* (Nitzsch [in Giebel], 1866) | (I) **SK** |
|  | *Saemundssonia* (*Saemundssonia*) *lobaticeps* (Giebel, 1874) | (I) |
| *Chroicocephalus ridibundus* (Linnaeus, 1766) | *Actornithophilus piceus lari* (Packard, 1870) | (A) |
|  | *Austromenopon transversum* (Denny, 1842) | (A) **SK** |
|  | *Quadraceps punctatus punctatus* (Burmeister, 1838) | (I) **SK** |
|  | *Saemundssonia* (*Saemundssonia*) *lari* (Fabricius, O., 1780) | (I) **SK** |
| *Gelochelidon nilotica* (Gmelin, JF, 1789) | *Actornithophilus piceus piceus* (Denny, 1842) | (A) |
|  | *Austromenopon atrofulvum* (Piaget, 1880) | (A) |
|  | *Quadraceps baliola* (Blagoveshtchensky, 1951) | (I) |
|  | *Quadraceps kekra* Ansari, 1947 | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *gelochelidoni* Touleshkov, 1959 | (I) |
| *Hydrocoloeus minutus* (Pallas, 1776) | *Actornithophilus piceus lari* (Packard, 1870) | (A) |
|  | *Austromenopon transversum* (Denny, 1842) | (A) |
|  | *Quadraceps eugrammicus* (Burmeister, 1838) | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *lari* (Fabricius, O., 1780) | (I) |
| *Hydroprogne caspia* (Pallas, 1770) | *Actornithophilus piceus piceus* (Denny, 1842) | (A) |
|  | *Austromenopon atrofulvum* (Piaget, 1880) | (A) |
|  | *Quadraceps caspius* (Giebel, 1874) | (I) |
|  | *Quadraceps punctatus regressus* Timmermann, 1952 | (I) |
| *Ichthyaetus ichthyaetus* (Pallas, 1773) | *Quadraceps punctatus punctatus* (Burmeister, 1838) | (I) |
| *Ichthyaetus melanocephalus* (Temminck, 1820) | *Quadraceps punctatus regressus* Timmermann, 1952 | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *lari* (Fabricius, O., 1780) | (I) |
| *Larus argentatus* Pontoppidan, 1763 | *Actornithophilus piceus lari* (Packard, 1870) | (A) |
|  | *Austromenopon transversum* (Denny, 1842) | (A) |
|  | *Quadraceps ornatus striolatus* (Nitzsch [in Giebel], 1866) | (I) |
|  | *Quadraceps punctatus regressus* Timmermann, 1952 | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *lari* (Fabricius, O., 1780) | (I) **SK (sp.)** |
| *Larus cachinnans* Pallas, 1811 |  | † |
| *Larus canus* Linnaeus, 1758 | *Actornithophilus piceus lari* (Packard, 1870) | (A) |
|  | *Austromenopon transversum* (Denny, 1842) | (A) |
|  | *Quadraceps ornatus ornatus* (Grube, 1851) | (I) |
|  | *Quadraceps punctatus regressus* Timmermann, 1952 | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *lari* (Fabricius, O., 1780) | (I) |
| *Larus delawarensis* Ord, 1815 | *Actornithophilus piceus lari* (Packard, 1870) | (A) |
|  | *Austromenopon transversum* (Denny, 1842) | (A) |
|  | *Quadraceps punctatus sublingulatus* Timmermann, 1952 | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *lari* (Fabricius, O., 1780) | (I) |
| *Larus fuscus* Linnaeus, 1758 | *Actornithophilus piceus lari* (Packard, 1870) | (A) |
|  | *Austromenopon transversum* (Denny, 1842) | (A) |
|  | *Quadraceps punctatus regressus* Timmermann, 1952 | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *lari* (Fabricius, O., 1780) | (I) |
| *Larus hyperboreus* Gunnerus, 1767 | *Actornithophilus piceus lari* (Packard, 1870) | (A) |
|  | *Austromenopon transversum* (Denny, 1842) | (A) |
|  | *Quadraceps ornatus stratiolatus* (Nitzsch [in Giebel], 1866) | (I) |
|  | *Quadraceps punctatus sublingulatus* Timmermann, 1952 | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *lari* (Fabricius, O., 1780) | (I) |
| *Larus marinus* Linnaeus, 1758 | *Actornithophilus piceus lari* (Packard, 1870) | (A) |
|  | *Austromenopon transversum* (Denny, 1842) | (A) |
|  | *Quadraceps ornatus striolatus* (Nitzsch [in Giebel], 1866) | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *lari* (Fabricius, O., 1780) | (I) |
| *Larus michahellis* Naumann, JF, 1840 | *Austromenopon transversum* (Denny, 1842) | (A) |
|  | *Quadraceps puncatus regressus* Timmermann, 1952 | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *lari* (O. Fabricius, 1780) | (I) |
| *Rissa tridactyla* (Linnaeus, 1758) | *Actornithophilus piceus lari* (Packard, 1870) | (A) |
|  | *Austromenopon transversum* (Denny, 1842) | (A) |
|  | *Quadraceps ornatus lineolatus* (Nitzsch [in Giebel], 1866) | (I) |
|  | *Quadraceps ornatus paulschulzei* (Timmermann, 1949) | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *lari* (Fabricius, O., 1780) | (I) |
| *Sterna hirundo* Linnaeus, 1758 | *Actornithophilus piceus piceus* (Denny, 1842) | (A) |
|  | *Austromenopon atrofulvum* (Piaget, 1880) | (A) |
|  | *Quadraceps sellatus* (Burmeister, 1838) | (I) **SK** |
|  | *Saemundssonia* (*Saemundssonia*) *sternae* (Linnaeus, 1758) | (I) **SK** |
| *Sterna paradisaea* Pontoppidan, 1763 | *Actornithophilus piceus piceus* (Denny, 1842) | (A) |
|  | *Austromenopon atrofulvum* (Piaget, 1880) | (A) |
|  | *Quadraceps houri* Hopkins, 1949 | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *lockleyi* Clay, 1949 | (I) |
| *Sternula albifrons* (Pallas, 1764) | *Actornithophilus piceus piceus* (Denny, 1842) | (A) |
|  | *Austromenopon atrofulvum* (Piaget, 1880) | (A) |
|  | *Quadraceps anagrapsus* (Nitzsch [in Giebel], 1866) | (I) |
|  | *Quadraceps nycthemerus* (Burmeister, 1838) | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *melanocephalus* (Burmeister, 1838) | (I) |
| *Thalasseus sandvicensis* (Latham, 1787) | *Actornithophilus piceus piceus* (Denny, 1842) | (A) |
|  | *Austromenopon atrofulvum* (Piaget, 1880) | (A) |
|  | *Quadraceps longicollis* (Rudow, 1869) | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *brevicornis* (Giebel, 1874) | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *laticaudata* (Rudow, 1869) | (I) |
| *Xema sabini* (Sabine, 1819) | *Actornithophilus piceus lari* (Packard, 1870) | (A) |
|  | *Austromenopon transversum* (Denny, 1842) | (A) |
|  | *Quadraceps lineatus* (Piaget, 1880) | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *lari* (Fabricius, O., 1780) | (I) |
| **Recurvirostridae** |  |  |
| *Himantopus himantopus* (Linnaeus, 1758) | *Actornithophilus himantopi* Blagoveshtchensky, 1951 | (A) |
|  | *Actornithophilus mexicanus* Emerson, 1953 | (A) |
|  | *Austromenopon himantopi* Timmermann, 1954 | (A) |
|  | *Quadraceps hemichrous* (Nitzsch [in Giebel], 1866) | (I) |
|  | *Quadraceps semifissus* (Nitzsch [in Giebel], 1866) | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *platygaster* (Denny, 1842) | (I) |
| *Recurvirostra avosetta* Linnaeus, 1758 | *Actornithophilus uniseriatus* (Piaget, 1880) | (A) |
|  | *Austromenopon micrandrum* (Nitzsch [in Giebel], 1866) | (A) |
|  | *Cirrophthirius recurvirostrae* (Linnaeus, 1758) | (I) |
|  | *Quadraceps decipiens* (Denny, 1842) | (I) |
|  | *Quadraceps semifissus* (Nitzsch [in Giebel], 1866) | (I) |
|  | *Quadraceps signatus* (Piaget, 1880) | (I) |
| **Scolopacidae** |  |  |
| *Actitis hypoleucos* (Linnaeus, 1758) | *Actornithophilus flumineus* Clay, 1962 | (A) |
|  | *Austromenopon hystriculum* Zlotorzycka, 1968 | (A) |
|  | *Quadraceps ravus* (Kellogg, 1899) | (I) **SK** |
|  | *Saemundssonia* (*Saemundssonia*) *frater* (Giebel, 1874) | (I) |
| *Arenaria interpres* (Linnaeus, 1758) | *Actornithophilus bicolor* (Piaget, 1880) | (A) |
|  | *Actornithophilus pediculoides* (Mjöberg, 1910) | (A) |
|  | *Austromenopon lutescens* (Burmeister, 1838) | (A) |
|  | *Quadraceps strepsilaris* (Denny, 1842) | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *stenrami* Timmermann, 1969 | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *tringae* (Fabricius, O., 1780) | (I) |
| *Calidris alba* (Pallas, 1764) | *Actornithophilus umbrinus* (Burmeister, 1838) | (A) |
|  | *Carduiceps zonarius* (Nitzsch [in Giebel], 1866) | (I) |
|  | *Lunaceps actophilus* (Kellogg & Chapman, 1899) | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *jadwigae* Timmermann, 1969 | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *tringae* (Fabricius, O., 1780) | (I) |
| *Calidris alpina* (Linnaeus, 1758) | *Actornithophilus umbrinus* (Burmeister, 1838) | (A) |
|  | *Austromenopon alpinum* Timmermann, 1954 | (A) |
|  | *Carduiceps meinertzhageni* Timmermann, 1954 | (I) |
|  | *Lunaceps actophilus* (Kellogg & Chapman, 1899) | (I) |
|  | *Lunaceps schismatus* Gustafsson & Olsson, 2012 | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *tringae* (Fabricius, O., 1780) | (I) |
| *Calidris canutus* (Linnaeus, 1758) | *Actornithophilus canuti* Price & Leibovitz, 1969 | (A) |
|  | *Actornithophilus umbrinus* (Burmeister, 1838) | (A) |
|  | *Austromenopon lutescens* (Burmeister, 1838) | (A) |
|  | *Carduiceps zonarius* (Nitzsch [in Giebel], 1866) | (I) |
|  | *Lunaceps drosti* Timmermann, 1954 | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *platygaster islandica* Timmermann, 1951 | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *tringae* (Fabricius, O., 1780) | (I) |
| *Calidris falcinellus* (Pontoppidan, 1763) | *Lunaceps falcinellus* Timmermann, 1954 | (I) |
| *Calidris ferruginea* (Pontoppidan, 1763) | *Actornithophilus umbrinus* (Burmeister, 1838) | (A) |
|  | *Acronirmus gracilis* (Burmeister, 1838) | (I) |
|  | *Carduiceps zonarius* (Nitzsch [in Giebel], 1866) | (I) |
|  | *Lunaceps falcinellus* Timmermann, 1954 | (I) |
|  | *Lunaceps incoenis* (Kellog & Chapman, 1899) | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *tringae* (Fabricius, O., 1780) | (I) |
| *Calidris maritima* (Brünnich, 1764) | *Actornithophilus umbrinus* (Burmeister, 1838) | (A) |
|  | *Austromenopon erilis* Zlotorzycka, 1968 | (A) |
|  | *Carduiceps meinertzhageni* Timmermann, 1954 | (I) |
|  | *Lunaceps nereis* Timmermann, 1954 | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *tringae* (Fabricius, O., 1780) | (I) |
| *Calidris melanotos* (Vieillot, 1819) | *Actornithophilus umbrinus* (Burmeister, 1838) | (A) |
|  | *Carduiceps zonarius* (Nitzsch [in Giebel], 1866) | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *tringae* (Fabricius, O., 1780) | (I) |
| *Calidris minuta* (Leisler, 1812) | *Actornithophilus umbrinus* (Burmeister, 1838) | (A) |
|  | *Austromenopon lutescens* (Burmeister, 1838) | (A) |
|  | *Carduiceps zonarius* (Nitzsch [in Giebel], 1866) | (I) |
|  | *Lunaceps falcinellus* Timmermann, 1954 | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *platygaster nitzschi* (Giebel, 1866) | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *tringae* (Fabricius, O., 1780) | (I) |
| *Calidris pugnax* (Linnaeus, 1758) | *Actornithophilus pustulosus* (Piaget, 1880) | (A) **~~SK~~** |
|  | *Austromenopon lutescens* (Burmeister, 1838) | (A) |
|  | *Carduiceps scalaris* (Piaget, 1880) | (I) **SK #** |
|  | *Lunaceps holophaeus* (Burmeister, 1838) | (I) |
|  | *Quadraceps lahorensis* Ansari, 1955 | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *ashi* Timmermann, 1955 | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *tringae* (Fabricius, O., 1780) | (I) **SK #** |
| *Calidris temminckii* (Leisler, 1812) | *Actornithophilus umbrinus* (Burmeister, 1838) | (A) |
|  | *Carduiceps zonarius* (Nitzsch [in Giebel], 1866) | (I) |
|  | *Lunaceps incoensis* (Kellogg & Chapman, 1899) | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *tringae* (Fabricius, O., 1780) | (I) |
| *Gallinago gallinago* (Linnaeus, 1758) | *Actornithophilus stictus* (Kellogg & Paine, 1911) | (A) |
|  | *Austromenopon durisetosum* (Blagoveshtchensky, 1948) | (A) |
|  | *Cummingsiella ambigua* (Burmeister, 1838) | (I) |
|  | *Rhynonirmus scolopacis* (Denny, 1842) | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *kratochvili* Balát, 1950 | (I) |
| *Gallinago media* (Latham, 1787) | *Austromenopon durisetosum* (Blagoveshtchensky, 1948) | (A) |
|  | *Rhynonirmus medius* Timmermann, 1955 | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *media* Martens, 1974 | (I) |
| *Limosa lapponica* (Linnaeus, 1758) | *Actornithophilus limosae* (Kellogg, 1908) | (A) |
|  | *Austromenopon meyeri* (Giebel, 1874) | (A) |
|  | *Carduiceps lapponicus* Emerson, 1953 | (I) |
|  | *Lunaceps limosella* Timmermann, 1954 | (I) |
|  | *Rotundiceps cordatus* (Osborn, 1896) | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *limosae* (Denny, 1842) | (I) |
| *Limosa limosa* (Linnaeus, 1758) | *Actornithophilus spinulosus* (Piaget, 1880) | (A) |
|  | *Austromenopon limosae* Timmermann, 1954 | (A) |
|  | *Carduiceps cingulatus* (Denny, 1842) | (I) |
|  | *Lunaceps limosae* Bechet, 1968 | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *thompsoni* Timmermann, 1951 | (I) |
| *Lymnocryptes minimus* (Brünnich, 1764) | *Actornithophilus multisetosus* Blagoveshtchensky, 1940 | (A) |
|  | *Saemundssonia* (*Saemundssonia*) *kratochvili* Balát, 1950 | (I) |
| *Numenius arquata* (Linnaeus, 1758) | *Actornithophilus patellatus* (Piaget, 1890) | (A) |
|  | *Austromenopon crocatum* (Nitzsch [in Giebel], 1866) | (A) **SK** |
|  | *Cummingsiella ovalis* (Scopoli, 1763) | (I) **SK** |
|  | *Lunaceps numenii* (Denny, 1842) | (I) **SK** |
|  | *Saemundssonia* (*Saemundssonia*) *humeralis* (Denny, 1842) | (I) |
| *Numenius phaeopus* (Linnaeus, 1758) | *Actornithophilus ocellatus* (Rudow, 1869) | (A) |
|  | *Austromenopon phaeopodis* (Schrank, 1802) | (A) |
|  | *Lunaceps numenii phaeopi* (Denny, 1842) | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *scolopacisphaeopodis* (Schrank, 1803) | (I) |
| *Numenius tenuirostris* Vieillot, 1817 | *Austromenopon confine* (Blagoveshtchensky, 1948) | (A) |
|  | *Cummingsiella breviclypeata* Blagoveshtchensky, 1948 | (I) |
|  | *Lunaceps proximus* (Blagoveshtchensky, 1948) | (I) |
| *Phalaropus fulicarius* (Linnaeus, 1758) | *Actornithophilus umbrinus* (Burmeister, 1838) | (A) |
|  | *Austromenopon corporosum* (Kellogg & Kuwana, 1901) | (A) |
|  | *Quadraceps phalaropi* (Denny, 1842) | (I) |
| *Phalaropus lobatus* (Linnaeus, 1758) | *Actornithophilus umbrinus* (Burmeister, 1838) | (A) |
|  | *Austromenopon spenceri* Timmermann, 1956 | (A) |
|  | *Carduiceps subscalaris* (Piaget, 1880) | (I) |
|  | *Quadraceps connexus* (Kellogg & Mann, 1912) | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *tringae* (Fabricius, O., 1780) | (I) |
| *Scolopax rusticola* Linnaeus, 1758 | *Austromenopon icterum* (Burmeister, 1838) | (A) |
|  | *Cummingsiella aurea* Hopkins, 1949 | (I) **SK** |
|  | *Cummingsiella brelihi* Timmermann, 1969 | (I) |
|  | *Lunaceps holophaeus* (Burmeister, 1838) | (I) |
|  | *Rhynonirmus helvolus* (Burmeister, 1838) | (I) **SK** |
|  | *Saemundssonia* (*Saemundssonia*) *clayae* Hopkins, 1949 | (I) |
| *Tringa erythropus* (Pallas, 1764) | *Actornithophilus totani* (Schrank, 1803) | (A) |
|  | *Austromenopon decorosum* Złotorzycka, 1968 | (A) **SK #** |
|  | *Quadraceps furvus* (Burmeister, 1838) | (I) **SK** |
|  | *Saemundssonia* (*Saemundssonia*) *nitzschi* (Giebel, 1866) | (I) |
| *Tringa glareola* Linnaeus, 1758 | *Actornithophilus totani* (Schrank, 1803) | (A) |
|  | *Quadraceps obscurus* (Burmeister, 1838) | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *cordiceps* (Giebel, 1874) | (I) |
| *Tringa nebularia* (Gunnerus, 1767) | *Actornithophilus paludosus* Clay, 1962 | (A) |
|  | *Austromenopon lutescens* (Burmeister, 1838)  | (A) |
|  | *Quadraceps similis* (Giebel, 1866) | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *nitzschi* (Giebel, 1866) | (I) |
| *Tringa ochropus* Linnaeus, 1758 | *Actornithophilus lyallpurensis* Ansari, 1955 | (A) |
|  | *Austromenopon sohni* Ansari, 1955 | (A) |
|  | *Quadraceps ochropi* (Denny, 1842) | (I) **SK** |
|  | *Saemundssonia* (*Saemundssonia*) *nitzschi* (Giebel, 1866) | (I) |
| *Tringa stagnatilis* (Bechstein, 1803) | *Actornithophilus totani* (Schrank, 1803) | (A) |
|  | *Quadraceps obscurus* (Burmeister, 1838) | (I) |
| *Tringa totanus* (Linnaeus, 1758) | *Actornithophilus totani* (Schrank, 1803) | (A) |
|  | *Austromenopon decorosum* Złotorzycka, 1968 | (A) |
|  | *Quadraceps obtusus* (Kellogg & Kuwana, 1902) | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *mollis* (Nitzsch, 1874) | (I) |
| *Xenus cinereus* (Güldenstädt, 1775) | *Carduiceps fulvofasciatus* (Grube, 1851) | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *platygaster* (Denny, 1842) | (I) |
| **Stercorariidae** |  |  |
| *Stercorarius longicaudus* Vieillot, 1819 | *Austromenopon fuscofasciatum* (Piaget, 1880) | (A) |
|  | *Haffneria grandis* (Piaget, 1880) | (I) |
|  | *Quadraceps parvopallidus* (Eichler, 1951) | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *inexspectata* Timmermann, 1951 | (I) |
| *Stercorarius parasiticus* (Linnaeus, 1758) | *Austromenopon fuscofasciatum* (Piaget, 1880) | (A) |
|  | *Haffneria grandis* (Piaget, 1880) | (I) |
|  | *Quadraceps normifer* (Grube, 1851) | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *cephalus* (Denny, 1841) | (I) |
| *Stercorarius pomarinus* (Temminck, 1815) | *Austromenopon fuscofasciatum* (Piaget, 1880) | (A) |
|  | *Haffneria grandis* (Piaget, 1880) | (I) |
|  | *Quadraceps stellaepolaris* Timmermann, 1952 | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *euryrhyncha* (Giebel, 1874) | (I) |
| **Ciconiiformes** |  |  |
| **Ciconiidae** |  |  |
| *Ciconia ciconia* (Linnaeus, 1758) | *Ciconiphilus quadripustulatus* (Burmeister, 1838) | (A) |
|  | *Colpocephalum zebra* Burmeister, 1838 | (A) **SK** |
|  | *Ardeicola ciconiae* (Linnaeus, 1758) | (I) **SK** |
|  | *Neophilopterus incompletus* (Denny, 1842) | (I) **SK** |
| *Ciconia nigra* (Linnaeus, 1758) | *Ciconiphilus quadripustulatus* (Burmeister, 1838) | (A) |
|  | *Colpocephalum nigrae* Price & Beer, 1965 | (A) |
|  | *Ardeicola maculatus* (Nitzsch [in Giebel], 1866) | (I) |
|  | *Neophilopterus tricolor* (Burmeister, 1838) | (I) **SK** |
| **Columbiformes** |  |  |
| **Columbidae** |  |  |
| *Columba livia* Gmelin, JF, 1789 – introduced species | *Bonomiella columbae* Emerson, 1957 | (A) |
|  | *Colpocephalum afrozeae* Naz, Sychra & Rizvi, 2012 | (A) |
|  | *Colpocephalum turbinatum* Denny, 1842 | (A) |
|  | *Hohorstiella lata* (Piaget, 1880) | (A) |
|  | *Campanulotes compar* (Burmeister, 1838) | (I) **SK** |
|  | *Coloceras aegypticum* (Kellogg & Paine, 1911) | (I) |
|  | *Coloceras damicorne* (Nitzsch [in Giebel], 1866) | (I) |
|  | *Coloceras israelensis* (Tendeiro, 1974) | (I) |
|  | *Coloceras liviae* (Tendeiro, 1974) | (I) |
|  | *Coloceras tovornikae* Tendeiro, 1973 | (I) |
|  | *Columbicola columbae* (Linnaeus, 1758) | (I) **SK** |
|  | *Columbicola tschulyschman* Eichler, 1942 | (I) |
|  | *Physconelloides zenaidurae* (McGregor, 1917) | (I) |
| *Columba oenas* Linnaeus, 1758 | *Hohorstiella gigantea* (Denny, 1842) | (A) |
|  | *Campanulotes drosti* Eichler, 1950 | (I) |
|  | *Coloceras damicorne* (Nitzsch [in Giebel], 1866) | (I) |
|  | *Columbicola columbae* (Linnaeus, 1758) | (I) |
| *Columba palumbus* Linnaeus, 1758 | *Campanulotes bidentatus* (Scopoli, 1763) | (I) **SK #** |
|  | *Coloceras alloceratum* (Tendeiro, 1974) | (I) |
|  | *Coloceras damicorne* (Nitzsch [in Giebel], 1866) | (I) **SK** |
|  | *Columbicola claviformis* (Denny, 1842) | (I) **SK #** |
|  | *Columbicola columbae* (Linnaeus, 1758) | (I) |
| *Streptopelia decaocto* (Frivaldszky, 1838) | *Bonomiella concii* Eichler, 1947 | (A) |
|  | *Hohorstiella modesta* (Ansari, 1951) | (A) |
|  | *Coloceras hilli* (Bedford, 1920) | (I) |
|  | *Coloceras piageti* (Johnston & Harrison, 1912) | (I) **SK** |
|  | *Columbicola bacillus* (Giebel, 1866) | (I) **SK** |
|  | *Turturicola salimali* Clay & Meinertzhagen, 1937 | (I) |
| *Streptopelia orientalis* (Latham, 1790) | *Coloceras chinense* (Kellogg & Chapman, 1902) | (I) |
|  | *Coloceras orientalis* (Tendeiro, 1969) | (I) |
|  | *Columbicola orientalis* Tendeiro, 1965 | (I) |
|  | *Columbicola turturis* (Uchida, 1917) | (I) |
| *Streptopelia turtur* (Linnaeus, 1758) | *Hohorstiella streptopeliae* Eichler, 1953 | (A) |
|  | *Coloceras britannicum* Tendeiro, 1973 | (I) |
|  | *Coloceras chinense* (Kellogg & Chapman, 1902) | (I) |
|  | *Columbicola bacillus* (Giebel, 1866) | (I) **SK** |
| **Coraciiformes** |  |  |
| **Alcedinidae** |  |  |
| *Alcedo atthis* (Linnaeus, 1758) | *Alcedoffula alcedinis* (Denny, 1842) | (I) **SK** |
| **Coraciidae** |  |  |
| *Coracias garrulus* Linnaeus, 1758 | *Laemobothrion* sp. | (A) **SK**  |
|  | *Meromenopon incisum* (Giebel, 1866) | (A) |
|  | *Capraiella sabzak* Ansari, 1955 | (I) |
|  | *Capraiella subcuspidata* (Burmeister, 1838) | (I) **SK** |
| **Meropidae** |  |  |
| *Merops apiaster* Linnaeus, 1758 | *Meromenopon meropis* Clay & Meinertzhagen, 1941 | (A) **SK** |
|  | *Meropoecus meropis* (Denny, 1842) | (I) **SK** |
|  | *Meropsiella apiastri* (Denny, 1842) | (I) **SK** |
| **Cuculiformes** |  |  |
| **Cuculidae** |  |  |
| *Clamator glandarius* (Linnaeus, 1758) | *Cuculiphilus snodgrassi* (Kellogg & Kuwana, 1902) | (A) |
|  | *Cuculicola limbatus* Tendeiro, 1962 | (I) |
| *Cuculus canorus* Linnaeus, 1758 | *Cuculiphilus fasciatus* (Scopoli, 1763) | (A) |
|  | *Cuculiphilus snodgrassi* (Kellogg & Kuwana, 1902) | (A) |
|  | *Cuculicola latirostris* (Burmeister, 1838) | (I) **SK** |
|  | *Cuculoecus latifrons* (Denny, 1842) | (I) **SK** |
| **Falconiformes** |  |  |
| **Falconidae** |  |  |
| *Falco cherrug* Gray, JE, 1834 | *Colpocephalum* sp.  | (A) **SK**  |
|  | *Craspedorrhynchus chicquerae* Ansari, 1955 | (I) |
|  | *Degeeriella rufa* (Burmeister, 1838) | (I) **SK** |
| *Falco columbarius* Linnaeus, 1758 | *Colpocephalum subzerafae* Tendeiro, 1988 | (A) |
|  | *Laemobothrion* (*Laemobothrion*) *tinnunculi* (Linnaeus, 1758) | (A) |
|  | *Nosopon lucidum* (Rudow, 1869) | (A) |
|  | *Degeeriella rufa* (Burmeister, 1838) | (I) |
| *Falco naumanni* Fleischer, JG, 1818 | *Colpocephalum subzerafae* Tendeiro, 1988 | (A) |
|  | *Degeeriella rufa* (Burmeister, 1838) | (I) |
| *Falco peregrinus* Tunstall, 1771 | *Colpocephalum falconii* Carriker, 1963 | (A) |
|  | *Colpocephalum subzerafae* Tendeiro, 1988 | (A) |
|  | *Colpocephalum zerafae* Ansari, 1955 | (A) |
|  | *Laemobothrion* (*Laemobothrion*) *tinnunculi* (Linnaeus, 1758) | (A) |
|  | *Degeeriella rufa* (Burmeister, 1838) | (I) |
| *Falco subbuteo* Linnaeus, 1758 | *Laemobothrion* (*Laemobothrion*) *maximum* (Scopoli, 1763) | (A) |
|  | *Laemobothrion* (*Laemobothrion*) *tinnunculi* (Linnaeus, 1758) | (A) |
|  | *Craspedorrhynchus subbuteonis* Gallego, Martín Mateo, *et al*., 1987 | (I) |
|  | *Degeeriella rufa* (Burmeister, 1838) | (I) |
| *Falco tinnunculus* Linnaeus, 1758 | *Colpocephalum subzerafae* Tendeiro, 1988 | (A) **SK (sp.)** |
|  | *Laemobothrion* (*Laemobothrion*) *tinnunculi* (Linnaeus, 1758) | (A) **SK** |
|  | *Nosopon lucidum* (Rudow, 1869) | (A) **SK #** |
|  | *Degeeriella rufa* (Burmeister, 1838) | (I) **SK** |
| *Falco vespertinus* Linnaeus, 1766 | *Colpocephalum subzerafae* Tendeiro, 1988 | (A) |
|  | *Laemobothrion* (*Laemobothrion*) *tinnunculi* (Linnaeus, 1758) | (A) |
|  | *Nosopon lucidum* (Rudow, 1869) | (A) |
|  | *Degeeriella rufa* (Burmeister, 1838) | (I) **SK** |
| **Galliformes** |  |  |
| **Numididae** |  |  |
| *Numida meleagris* (Linnaeus, 1758) – captive bird | *Amyrsidea desousai* (Kéler, 1952) | (A) |
|  | *Clayia theresae* Hopkins, 1941 | (A) |
|  | *Menacanthus numidae* (Giebel, 1874) | (A) |
|  | *Menacanthus stramineus* (Nitzsch, 1818) | (A) |
|  | *Menopon gallinae* (Linnaeus, 1758) | (A) |
|  | *Numidicola antennatus* Kellogg & Paine, 1911 | (A) |
|  | *Somaphantus lusius* Paine, 1914 | (A) |
|  | *Goniocotes congolensis* Tendeiro, 1989 | (I) |
|  | *Goniocotes gallinae* (De Geer, 1778) | (I) |
|  | *Goniocotes maculatus* Taschenberg, 1882 | (I) |
|  | *Goniodes gigas* (Taschenberg, 1879) | (I) |
|  | *Goniodes klockenhoffi* (Tendeiro, 1988) | (I) |
|  | *Goniodes meyi* (Tendeiro, 1988) | (I) |
|  | *Goniodes numidae* Mjöberg, 1910 | (I) |
|  | *Goniodes reichenowii* (Tendeiro, 1988) | (I) |
|  | *Lipeurus caponis* (Linnaeus, 1758) | (I) |
|  | *Lipeurus maculosus* Clay, 1938 | (I) |
|  | *Lipeurus numidae* (Denny, 1842) | (I) **SK** |
| **Phasianidae** |  |  |
| *Chrysolophus pictus* (Linnaeus, 1758) – captive bird | *Amyrsidea perdicis* (Denny, 1842) | (A) |
|  | *Goniodes chrysolophi* Clay, 1940 | (I) |
|  | *Lipeurus crinitus* (Rudow, 1869) | (I) |
|  | *Oxylipeurus mesopelios* (Nitzsch [in Giebel], 1866) | (I) **SK** |
| *Coturnix coturnix* (Linnaeus, 1758) | *Amyrsidea fulvomaculata* (Denny, 1842) | (A) |
|  | *Menacanthus abdominalis* (Piaget, 1880) | (A) |
|  | *Cuclotogaster cinereus* (Nitzsch [in Giebel], 1866) | (I) |
|  | *Goniodes astrocephalus* (Burmeister, 1838) | (I) |
| *Gallus gallus* (Linnaeus, 1758) – captive bird | *Menacanthus cornutus* (Schömmer, 1913) | (A) |
|  | *Menacanthus longiscleritus* Naz & Rizvi, 2016 | (A) |
|  | *Menacanthus pallidulus* (Neumann, 1912) | (A) |
|  | *Menacanthus stramineus* (Nitzsch, 1818) | (A) **SK #~~(sp.)~~** |
|  | *Menopon gallinae* (Linnaeus, 1758) | (A) **SK #** |
|  | *Cuclotogaster heterographus* (Nitzsch [in Giebel], 1866) | (I) **SK #** |
|  | *Gallancyra dentata* (Sugimoto, 1934) | (I) |
|  | *Goniocotes gallinae* (De Geer, 1778) | (I) **SK #** |
|  | *Goniodes dissimilis* Denny, 1842 | (I) **SK** |
|  | *Goniodes gigas* (Taschenberg, 1879) | (I) |
|  | *Lagopoecus sinensis* (Sugimoto, 1930) | (I) |
|  | *Lipeurus caponis* (Linnaeus, 1758) | (I) |
|  | *Lipeurus tropicalis* Peters, 1931 | (I) |
| *Pavo cristatus* Linnaeus, 1758 – captive bird | *Amyrsidea minuta* Emerson, 1961 | (A) |
|  | *Amyrsidea phaeostoma* (Nitzsch [in Giebel], 1866) | (A) **SK** |
|  | *Colpocephalum tausi* (Ansari, 1951) | (A) |
|  | *Colpocephalum thoracicum* Kellogg & Paine, 1914 | (A) |
|  | *Menacanthus kaddoui* (Eichler & Mey, 1978) | (A) |
|  | *Menacanthus stramineus* (Nitzsch, 1818) | (A) |
|  | *Goniocotes mayuri* Lakshminarayana & Emerson, 1971 | (I) |
|  | *Goniocotes parviceps* (Piaget, 1880) | (I) |
|  | *Goniocotes rectangulatus* (Nitzsch [in Giebel], 1866) | (I) |
|  | *Goniodes meinertzhageni* Clay, 1940 | (I) |
|  | *Goniodes pavonis* (Linnaeus, 1758) | (I) **SK** |
|  | *Lipeurus pavo* Clay, 1938 | (I) **SK** |
| *Phasianus colchicus* Linnaeus, 1758 – introduced species | *Amyrsidea perdicis* (Denny, 1842) | (A) **SK** |
|  | *Menacanthus phasiani* (Modrzejewska & Złotorzycka, 1977) | (A) |
|  | *Menacanthus stramineus* (Nitzsch, 1818) | (A) |
|  | *Anaticola crassicornis* (Scopoli, 1763) | (I) |
|  | *Cuclotogaster heterographus* (Nitzsch [in Giebel], 1866) | (I) **SK** # |
|  | *Goniocotes chrysocephalus* Giebel, 1874 | (I) **SK** |
|  | *Goniodes capitatus* (Kéler, 1939) | (I) |
|  | *Goniodes colchici* Denny, 1842 | (I) **SK** |
|  | *Lagopoecus colchicus* Emerson, 1949 | (I) **SK** |
|  | *Lipeurus caponis* (Linnaeus, 1758) | (I) |
|  | *Lipeurus maculosus* Clay, 1938 | (I) **SK** |
|  | *Oxylipeurus colchicus* Clay, 1938 | (I) **SK** |
| *Lyrurus tetrix* (Linnaeus, 1758) | *Amyrsidea lagopi* (Grube, 1851) | (A) |
|  | *Menopon deryloi* Złotorzycka, 1972 | (A) |
|  | *Cuclotogaster cameratus* (De Haan, 1829) | (I) |
|  | *Goniodes tetraonis* (Linnaeus, 1761) | (I) **SK** |
|  | *Lagopoecus lyrurus* Clay, 1938 | (I) **SK** |
|  | *Oxylipeurus minor* (Zlotorzycka, 1966) | (I) |
| *Perdix perdix* (Linnaeus, 1758) | *Amyrsidea perdicis* (Denny, 1842) | (A) |
|  | *Menopon pallens* Clay, 1949 | (A) **SK** |
|  | *Cuclotogaster heterogrammicus* (Nitzsch [in Giebel], 1866) | (I) **SK** |
|  | *Goniocotes microthorax* (Stephens, 1829) | (I) |
|  | *Goniodes dispar* Burmeister, 1838 | (I) **SK #** |
|  | *Lipeurus maculosus* Clay, 1938 | (I) |
| *Tetrao urogallus* Linnaeus, 1758 | *Amyrsidea lagopi* (Grube, 1851) | (A) |
|  | *Goniodes bituberculatus* Rudow, 1869 | (I) **SK** |
|  | *Lagopoecus pallidovittatus* (Grube, 1851) | (I) **SK** |
|  | *Oxylipeurus tetraonis* (Grube, 1851) | (I) **SK** |
| *Tetrastes bonasia* (Linnaeus, 1758) | *Goniocotes megalocephalus* Uchida, 1916 | (I) **SK #** |
|  | *Lagopoecus tetrastei* Bechet, 1963 | (I) **SK** |
| **Gaviiformes** |  |  |
| **Gaviidae** |  |  |
| *Gavia adamsii* (Gray, GR, 1859) |  | † |
| *Gavia arctica* (Linnaeus, 1758) | *Craspedonirmus colymbinus* (Denny, 1842) | (I) **SK** |
| *Gavia immer* (Brünnich, 1764) | *Craspedonirmus immer* Emerson, 1955 | (I) |
| *Gavia stellata* (Pontoppidan, 1763) | *Craspedonirmus colymbinus* (Denny, 1842) | (I) |
| **Gruiformes** |  |  |
| **Gruidae** |  |  |
| *Grus grus* (Linnaeus, 1758) | *Gruimenopon longum* (Giebel, 1874) | (A) **SK** |
|  | *Heleonomus adnani* Naz, Adam & Rizvi, 2009 | (A) |
|  | *Heleonomus macilentus* (Nitzsch [in Giebel], 1866) | (A) **SK** |
|  | *Esthiopterum gruis* (Linnaeus, 1758) | (I) **SK** |
|  | *Saemundssonia* (*Saemundssonia*) *integer* (Nitzsch [in Giebel], 1866) | (I) **SK** |
| *Grus virgo* (Linnaeus, 1758) | *Heleonomus elbeli* Price, 1970 | (A) |
|  | *Heleonomus furgalai* Price, 1970 | (A) |
|  | *Esthiopterum elbeli* Tandan, 1973 | (I) |
|  | *Saemundssonia* (*Saemundssonia*) *intiger* (Nitzsch [in Giebel], 1866) | (I) |
| **Rallidae** |  |  |
| *Crex crex* (Linnaeus, 1758) | *Pseudomenopon crecis* Bechet, 1963 | (A) |
|  | *Rallicola* (*Rallicola*) *ortygometrae* (Schrank, 1781) | (I) |
| *Fulica atra* Linnaeus, 1758 | *Laemobothrion* (*Eulaemobothrion*) *atrum* (Nitzsch, 1818) | (A) **SK** |
|  | *Pseudomenopon pilosum* (Scopoli, 1763) | (A) **SK §** |
|  | *Fulicoffula lurida* (Nitzsch, 1818) | (I) **SK** |
|  | *Incidifrons fulicae* (Linnaeus, 1758) | (I) |
|  | *Rallicola* (*Rallicola*) *fulicae* (Denny, 1842) | (I) **SK** |
| *Gallinula chloropus* (Linnaeus, 1758) | *Colpocephalum gallinulae* Uchida, 1926 | (A) |
|  | *Laemobothrion* (*Eulaemobothrion*) *chloropodis* (Schrank, 1803) | (A) |
|  | *Pseudomenopon pilosum* (Scopoli, 1763) | (A) **SK** |
|  | *Fulicoffula gallinula* Carriker, 1953 | (I) **SK #** |
|  | *Incidifrons gallinulae* Blagoveshtchensky, 1951 | (I) |
|  | *Rallicola* (*Rallicola*) *minutus* (Nitzsch [in Giebel], 1866) | (I) **SK #** |
|  | *Rallicola* (*Rallicola*) *parani* Eichler, 1954 | (I) |
| *Porzana parva* (Scopoli, 1769) | *Incidifrons porzanae* Blagoveshtchensky, 1951 | (I) |
|  | *Rallicola* (*Rallicola*) *mystax* (Giebel, 1874) | (I) |
| *Porzana porzana* (Linnaeus, 1766) | *Pseudomenopon qadrii* Eichler, 1952 | (A) |
|  | *Fulicoffula stammeri* Eichler, 1958 | (I) |
|  | *Rallicola* (*Rallicola*) *mystax* (Giebel, 1874) | (I) |
| *Porzana pusilla* (Pallas, 1776) | *Pseudomenopon scopulacorne* (Denny, 1842) | (A) |
| *Rallus aquaticus* Linnaeus, 1758 | *Pseudomenopon grebenjukae* Kasiev, 1982 | (A) |
|  | *Pseudomenopon scopulacorne* (Denny, 1842) | (A) |
|  | *Fulicoffula rallina* (Denny, 1842) | (I) **SK (sp.)** § |
|  | *Incidifrons ralli* (Scopoli, 1772) | (I) |
|  | *Rallicola* (*Rallicola*) *cuspidatus* (Scopoli, 1763) | (I) **SK #** |
| **Otidiformes** |  |  |
| **Otididae** |  |  |
| *Otis tarda* Linnaeus, 1758 | *Otidoecus turmalis* (Denny, 1842) | (I) **SK** |
| *Tetrax tetrax* (Linnaeus, 1758) | *Otidoecus antilogus* (Nitzsch [in Giebel], 1866) | (I) |
| *Chlamydotis macqueenii* (Gray, JE, 1832) |  | † |
| **Passeriformes** |  |  |
| **Acrocephalidae** |  |  |
| *Acrocephalus agricola* (Jerdon, 1845) |  | † |
| *Acrocephalus arundinaceus* (Linnaeus, 1758) | *Menacanthus curuccae* (Schrank, 1776) | (A) |
|  | *Philopterus fedorenkoae* (Mey, 1983) | (I) **SK** |
| *Acrocephalus dumetorum* Blyth, 1849 |  | † |
| *Acrocephalus melanopogon* (Temminck, 1823) | *Menacanthus curuccae* (Schrank, 1776) | (A) |
|  | *Philopterus acrocephalus* Carriker, 1949 | (I) **SK** |
| *Acrocephalus paludicola* (Vieillot, 1817) | *Menacanthus curuccae* (Schrank, 1776) | (A) |
| *Acrocephalus palustris* (Bechstein, 1798) | *Menacanthus curuccae* (Schrank, 1776) | (A) |
|  | *Menacanthus curuccae* (Schrank, 1776)  | (A) |
|  | *Philopterus mirificus* (Złotorzycka, 1964) | (I) |
|  | *Rostrinirmus pflegeri* Balát, 1981 | (I) |
| *Acrocephalus scirpaceus* (Hermann, 1804) | *Menacanthus curuccae* (Schrank, 1776) | (A) **SK** |
|  | *Brueelia* sp. | (I) **SK**  |
|  | *Philopterus* sp. | (I) **SK**  |
| *Acrocephalus schoenobaenus* (Linnaeus, 1758) | *Menacanthus curuccae* (Schrank, 1776) | (A) **SK** |
|  | *Brueelia vaneki* Balát, 1981 | (I) **SK #** |
|  | *Philopterus necopinatus* (Złotorzycka, 1964) | (I) **SK (sp.)** |
| *Hippolais icterina* (Vieillot, 1817) | *Menacanthus curuccae* (Schrank, 1776)  | (A) |
| *Iduna pallida* (Hemprich & Ehrenberg, 1833) |  | † |
| **Aegithalidae** |  |  |
| *Aegithalos caudatus* (Linnaeus, 1758) | *Myrsidea aegithali* Blagoveshtchensky, 1940 | (A) |
|  | *Penenirmus pari* (Denny, 1842) | (I) **SK** |
|  | *Penenirmus quadrilineatus* (Nitzsch [in Giebel], 1866) | (I) |
| **Alaudidae** |  |  |
| *Alauda arvensis* Linnaeus, 1758 | *Menacanthus alaudae* (Schrank, 1776) | (A) **SK §** |
|  | *Ricinus serratus* (Durrant, 1900) | (A) |
|  | *Brueelia parviguttata* (Blagoveshtchensky, 1940) | (I) **SK** |
|  | *Penenirmus hibari* (Uchida, 1949) | (I) |
|  | *Philopterus stadleri* (Eichler, 1959) | (I) **SK #** |
| *Calandrella brachydactyla* (Leisler, 1814) |  | † |
| *Eremophila alpestris* (Linnaeus, 1758) | *Menacanthus alaudae* (Schrank, 1776) | (A) |
|  | *Ricinus serratus* (Durrant, 1900) | (A) |
|  | *Osculonirmus limpidus* (Mey, 1982) | (I) |
|  | *Philopterus kekilovae* Fedorenko, 1984 | (I) |
| *Galerida cristata* (Linnaeus, 1758) | *Menacanthus alaudae* (Schrank, 1776) | (A) |
|  | *Ricinus serratus* (Durrant, 1900) | (A) **SK #** |
|  | *Brueelia parviguttata* (Blagoveshtchensky, 1940) | (I) |
|  | *Penenirmus chendoola* (Ansari, 1955) | (I) |
|  | *Penenirmus pavlovskyi* Blagoveshtchensky, 1951 | (I) |
|  | *Philopterus alexanderkoenigi* (Eichler, 1953) | (I) **SK #** |
| *Lullula arborea* (Linnaeus, 1758) | *Brueelia lullulae* Bechet, 1961 | (I) |
|  | *Philopterus arboreus* Fedorenko, 1984 | (I) |
| **Bombycillidae** |  |  |
| *Bombycilla garrulus* (Linnaeus, 1758) | *Ricinus elongatus* (Olfers, 1816) | (A) |
|  | *Ricinus fringillae* De Geer, 1778 | (A) |
|  | *Brueelia brachythorax* (Giebel, 1874) | (I) |
|  | *Philopterus garrulae* (Piaget, 1880) | (I) **~~SK~~** |
| **Calcariidae** |  |  |
| *Calcarius lapponicus* (Linnaeus, 1758) | *Menacanthus eurysternus* (Burmeister, 1838) | (A) |
|  | *Ricinus calcarii* Nelson, 1972 | (A) |
|  | *Brueelia infrequens* (Carriker, 1902) | (I) |
| *Plectrophenax nivalis* (Linnaeus, 1758) | *Menacanthus alaudae* (Schrank, 1776) | (A) |
|  | *Ricinus fringillae* De Geer, 1778 | (A) |
|  | *Myrsidea major* (Piaget, 1880) | (A) |
|  | *Ricinus diffusus* (Kellogg, 1896) | (A) |
|  | *Ricinus major* Fresca, 1924 | (A) |
|  | *Ricinus thoracicus* (Packard, 1870) | (A) |
|  | *Brueelia nivalis* (Giebel, 1874) | (I) |
|  | *Philopterus hamatus* (Packard, 1870) | (I) |
| **Certhiidae** |  |  |
| *Certhia brachydactyla* Brehm, CL, 1820 | *Philopterus lineatus* (Giebel, 1874) | (I) |
| *Certhia familiaris* Linnaeus, 1758 | *Penenirmus gulosus* (Nitzsch [in Giebel], 1866) | (I) **SK** |
| **Cinclidae** |  |  |
| *Cinclus cinclus* (Linnaeus, 1758) | *Myrsidea franciscoloi* Conci, 1942 | (A) **SK** |
|  | *Cincloecus cincli* (Denny, 1842) | (I) **SK** |
| **Corvidae** |  |  |
| *Coloeus monedula* (Linnaeus, 1758) | *Menacanthus eurysternus* (Burmeister, 1838) | (A) **SK §** |
|  | *Menacanthus gonophaeus* (Burmeister, 1838) | (A) **SK** |
|  | *Myrsidea anathorax* (Nitzsch [in Giebel], 1866) | (A) **SK #** |
|  | *Myrsidea cornicis* (De Geer, 1778) | (A) |
|  | *Hecatrishula varia* (Burmeister, 1838) | (I) **SK #** |
|  | *Philopterus guttatus* (Denny, 1842) | (I) **SK** |
| *Corvus corax* Linnaeus, 1758 | *Colpocephalum fregili* Denny, 1842 | (A) **SK** |
|  | *Menacanthus gonophaeus* (Burmeister, 1838) | (A) **SK §** |
|  | *Myrsidea anaspila* (Nitzsch [in Giebel], 1866) | (A) |
|  | *Myrsidea cornicis* (De Geer, 1778) | (A) |
|  | *Myrsidea islandica* Klockenhoff & Schirmers, 1976 | (A) |
|  | *Myrsidea subcoracis* Klockenhoff & Schirmers, 1976 | (A) |
|  | *Myrsidea tibetana* Klockenhoff & Schirmers, 1976 | (A) |
|  | *Corvonirmus argulus* (Burmeister, 1838) | (I) |
|  | *Hecatrishula atherae* (Ansari, 1957) | (I) |
|  | *Hecatrishula cryptoleuca* (Ansari, 1957) | (I) |
|  | *Philopterus corvi* (Linnaeus, 1758) | (I) **SK** |
|  | *Philopterus osborni* Edwards, 1952 | (I) |
| *Corvus cornix* Linnaeus, 1758 | *Menacanthus eurysternus* (Burmeister, 1838) | (A) **SK** |
|  | *Myrsidea anathorax* (Nitzsch [in Giebel], 1866) | (A) |
|  | *Myrsidea cornicis* (De Geer, 1778) | (A) **SK** |
|  | *Corvonirmus uncinosus* (Burmeister, 1838) | (I) **SK** |
|  | *Philopterus ocellatus* (Scopoli, 1763) | (I) **SK** |
| *Corvus corone* Linnaeus, 1758 | *Colpocephalum fregili* Denny, 1842 | (A) |
|  | *Menacanthus eurysternus* (Burmeister, 1838) | (A) |
|  | *Myrsidea anathorax* (Nitzsch [in Giebel], 1866) | (A) |
|  | *Myrsidea cornicis* (De Geer, 1778) | (A) |
|  | *Corvonirmus uncinosus* (Burmeister, 1838) | (I) |
|  | *Hecatrishula varia* (Burmeister, 1838) | (I) |
|  | *Philopterus ocellatus* (Scopoli, 1763) | (I) |
| *Corvus frugilegus* Linnaeus, 1758 | *Colpocephalum fregili* Denny, 1842 | (A) **SK §** |
|  | *Menacanthus gonophaeus* (Burmeister, 1838) | (A) **SK**  |
|  | *Myrsidea anathorax* (Nitzsch [in Giebel], 1866) | (A) |
|  | *Myrsidea celeripes* (Zlotorzycka, 1964) | (A) |
|  | *Myrsidea cornicis* (De Geer, 1778) | (A) |
|  | *Myrsidea isostoma* (Nitzsch [in Giebel], 1866) | (A) **SK #** |
|  | *Corvonirmus tasniemae* (Ansari, 1957) | (I) **SK** |
|  | *Hecatrishula varia* (Burmeister, 1838) | (I) **SK #** |
|  | *Philopterus atratus* (Nitzsch, 1818) | (I) **SK** |
| *Garrulus glandarius* (Linnaeus, 1758) | *Menacanthus eurysternus* (Burmeister, 1838) | (A) |
|  | *Myrsidea indivisa* (Nitzsch [in Giebel], 1866) | (A) |
|  | *Olivinirmus glandarii* (Denny, 1842) | (I) **SK** |
|  | *Philopterus garruli* Boisduval & Lacordaire, 1935 | (I) **SK** |
| *Nucifraga caryocatactes* (Linnaeus, 1758) | *Menacanthus merisuoi* Eichler, 1953 | (A) **SK #** |
|  | *Myrsidea brunnea* (Nitzsch [in Giebel], 1866) | (A) |
|  | *Olivinirmus olivaceus* (Burmeister, 1838) | (I) |
|  | *Philopterus crassipes* (Burmeister, 1838) | (I) **SK** |
| *Perisoreus infaustus* (Linnaeus, 1758) | *Olivinirmus perisoreus* (Ansari, 1956) | (I) |
| *Pica pica* (Linnaeus, 1758) | *Menacanthus eurysternus* (Burmeister, 1838) | (A) |
|  | *Myrsidea anathorax* (Nitzsch [in Giebel], 1866) | (A) |
|  | *Myrsidea picae* (Linnaeus, 1758) | (A) **SK** |
|  | *Hecatrishula biocellata* (Piaget, 1880) | (I) |
|  | *Philopterus picae* (Denny, 1842) | (I) **SK** |
| *Pyrrhocorax graculus* (Linnaeus, 1766) | *Colpocephalum fregili* Denny, 1842 | (A) |
|  | *Menacanthus eurysternus* (Burmeister, 1838) | (A) |
|  | *Hecatrishula biguttata* (Kellogg & Paine, 1914) | (I) |
|  | *Hecatrishula docilis* (Ansari, 1956) | (I) |
|  | *Philopterus dumani* Price & Hellenthal, 1998 | (I) |
| **Emberizidae** |  |  |
| *Emberiza calandra* Linnaeus, 1758 | *Ricinus major* Fresca, 1924 | (A) |
|  | *Philopterus citrinellae* (Schrank, 1776) | (I) |
| *Emberiza cia* Linnaeus, 1766 | *Ricinus fringillae* De Geer, 1778 | (A) |
|  | *Ricinus serratus* (Durrant, 1906) | (A) |
|  | *Philopterus citrinellae* Schrank, 1776 | (I) |
| *Emberiza citrinella* Linnaeus, 1758 | *Menacanthus alaudae* (Schrank, 1776) | (A) |
|  | *Myrsidea serini* (Séguy, 1944) | (A) |
|  | *Ricinus fringillae* De Geer, 1778 | (A) **SK** |
|  | *Philopterus citrinellae* (Schrank, 1776) | (I) **SK** |
|  | *Brueelia delicata* (Nitzsch [in Giebel], 1866) | (I) **SK** |
| *Emberiza hortulana* Linnaeus, 1758 | *Rostrinirmus buresi* (Balát, 1958) | (I) |
| *Emberiza melanocephala* Scopoli, 1769 | *Ricinus serratus* (Durrant, 1906) | (A) |
|  | *Rostrinirmus buresi* (Balát, 1958) | (I) |
|  | *Brueelia pelikani* Balát, 1958 | (I) |
| *Emberiza pusilla* Pallas, 1776 |  | † |
| *Emberiza rustica* Pallas, 1776 | *Machaerilaemus laticorpus* (Carriker, 1903) | (A) |
|  | *Ricinus fringillae* De Geer, 1778 | (A) |
|  | *Philopterus citrinellae* Schrank, 1776 | (I) |
|  | *Brueelia delicata* (Nitzsch [in Giebel], 1866) | (I) |
| *Emberiza schoeniclus* (Linnaeus, 1758) | *Menacanthus eurysternus* (Burmeister, 1838) | (A) |
|  | *Ricinus fringillae* De Geer, 1778 | (A) **SK** |
|  | *Menacanthus chrysophaeus* (Kellogg, 1896) | (A) **SK** |
|  | *Philopterus citrinellae* (Schrank, 1776) | (I) **SK** |
|  | *Brueelia blagovescenskyi* Balát, 1955 | (I) **SK #** |
| **Fringillidae** |  |  |
| *Acanthis cabaret* (Müller, PLS, 1776) |  | † |
| *Acanthis flammea* (Linnaeus, 1758) | *Menacanthus alaudae* (Schrank, 1776) | (A) |
|  | *Menacanthus eurysternus* (Burmeister, 1838) | (A) |
|  | *Ricinus fringillae* De Geer, 1778 | (A) |
|  | *Brueelia sibrica* Mey, 1982 | (I) |
|  | *Philopterus linariae* (Piaget, 1885) | (I) |
| *Acanthis hornemanni* (Holböll, 1843) |  | † |
| *Carduelis carduelis* (Linnaeus, 1758) | *Menacanthus alaudae* (Schrank, 1776) | (A) **SK** |
|  | *Myrsidea serini* (Séguy, 1944) | (A) |
|  | *Ricinus fringillae* De Geer, 1778 | (A) |
|  | *Brueelia densilimba* (Nitzsch [in Giebel], 1866) | (I) |
|  | *Sturnidoecus blandus* Złotorzycka, 1964 | (I) |
| *Carpodacus erythrinus* (Pallas, 1770) | *Menacanthus alaudae* (Schrank, 1776) | (A) |
|  | *Menacanthus eurysternus* (Burmeister, 1838) | (A) |
|  | *Philopterus erythrini* (Mey, 1982) | (I) |
|  | *Rostrinirmus carpodaci* Balát, 1981 | (I) **SK** |
| *Chloris chloris* (Linnaeus, 1758) | *Menacanthus eurysternus* (Burmeister, 1838) | (A) |
|  | *Myrsidea serini* (Séguy, 1944) | (A) |
|  | *Brueelia breueri* Balát, 1955 | (I) **SK** |
|  | *Philopterus citrinellae* (Schrank, 1776) | (I) **SK** |
| *Coccothraustes coccothraustes* (Linnaeus, 1758) | *Menacanthus eurysternus* (Burmeister, 1838) | (A) |
|  | *Brueelia juno* (Giebel, 1874) | (I) **SK** |
|  | *Philopterus eurasiaticus* (Mey, 1982) | (I) |
| *Fringilla coelebs* Linnaeus, 1758 | *Menacanthus eurysternus* (Burmeister, 1838) | (A) |
|  | *Myrsidea lyali* Klockenhoff, 1984 | (A) |
|  | *Ricinus fringillae* De Geer, 1778 | (A) **SK** |
|  | *Brueelia kluzi* Balát, 1955 | (I) **SK** |
|  | *Penenirmus serrahnensis* Balát, 1982 | (I) |
|  | *Philopterus fortunatus* (Zlotorzycka, 1964) | (I) **SK** |
| *Fringilla montifringilla* Linnaeus, 1758 | *Ricinus fringillae* De Geer, 1778 | (A) |
|  | *Brueelia glizi* Balát, 1955 | (I) |
|  | *Philopterus rapax* (Zlotorzycka, 1964) | (I) **SK** |
| *Linaria cannabina* (Linnaeus, 1758) | *Menacanthus alaudae* (Schrank, 1776) | (A) |
|  | *Ricinus fringillae* De Geer, 1778 | (A) |
|  | *Brueelia stadleri* Eichler, 1954 | (I) **SK** |
|  | *Guimaraesiella granatensis* (Soler Cruz, Rodríguez, Florido-Navío & Muñoz Parra, 1987) | (I) |
| *Linaria flavirostris* (Linnaeus, 1758) | *Menacanthus alaudae* (Schrank, 1776) | (A) |
|  | *Ricinus fringillae* De Geer, 1778 | (A) |
|  | *Brueelia mongolica* Mey, 1982 | (I) |
|  | *Penenirmus deductoris* Mey, 1982 | (I) |
| *Loxia curvirostra* Linnaeus, 1758 | *Myrsidea quadrimaculata* (Carriker, 1902) | (A) |
|  | *Brueelia limbata* (Burmeister, 1838) | (I) |
|  | *Philopterus curvirostrae* (Schrank, 1776) | (I) **SK** |
| *Loxia leucoptera* Gmelin, JF, 1789 | *Philopterus hansmuenchi* (Eichler & Vasjukova, 1981) | (I) |
| *Pinicola enucleator* (Linnaeus, 1758) | *Menacanthus alaudae* (Schrank, 1776) | (A) |
| *Pyrrhula pyrrhula* (Linnaeus, 1758) | *Menacanthus eurysternus* (Burmeister, 1838) | (A) |
|  | *Ricinus fringillae* De Geer, 1778 | (A) |
|  | *Brueelia pyrrhularum* Eichler, 1954 | (I) **SK** |
|  | *Philopterus citrinellae* (Schrank, 1776) | (I) **SK** |
|  | *Philopterus fringillae* (Scopoli, 1772)  | (I) **SK** |
| *Serinus serinus* (Linnaeus, 1766) | *Myrsidea serini* (Séguy, 1944) | (A) |
|  | *Brueelia sexytanum* (Soler Cruz et al., 1987) | (I) |
| *Spinus spinus* (Linnaeus, 1758) | *Philopterus citrinellae* (Schrank, 1776) | (I) **SK** |
|  | *Brueelia chrysomytris* (Blagoveshtchenky, 1940) | (I) **SK** |
| **Hirundinidae** |  |  |
| *Cecropis daurica* (Laxmann, 1769) | *Myrsidea latifrons* (Carriker [& Shull], 1910) | (A) |
|  | *Myrsidea rustica* (Giebel, 1874) | (A) |
|  | *Acronirmus gracilis* (Burmeister, 1838) | (I) |
| *Delichon urbicum* (Linnaeus, 1758) | *Myrsidea rustica* (Giebel, 1874) | (A) |
|  | *Acronirmus gracilis* (Burmeister, 1838) | (I) **SK** |
|  | *Philopterus excisus* Nitzsch, 1818 | (I) **SK** |
| *Hirundo rustica* Linnaeus, 1758 | *Machaerilaemus malleus* (Burmeister, 1838) | (A) |
|  | *Myrsidea latifrons* (Carriker [& Shull], 1910) | (A) |
|  | *Myrsidea rustica* (Giebel, 1874) | (A) **SK #** |
|  | *Acronirmus gracilis* (Burmeister, 1838) | (I) **SK §** |
|  | *Philopterus microsomaticus* Tandan, 1955 | (I) **SK** |
| *Riparia riparia* (Linnaeus, 1758) | *Machaerilaemus clayae* (Balát, 1966) | (A) **SK #** |
|  | *Myrsidea latifrons* (Carriker [& Shull], 1910) | (A) **SK #** |
|  | *Myrsidea rustica* (Giebel, 1874) | (A) |
|  | *Ricinus fringillae* De Geer, 1778 | (A) |
|  | *Acronirmus tenuis* (Burmeister, 1838) | (I) |
|  | *Philopterus microsomaticus* Tandan, 1955 | (I) **SK** |
| **Laniidae** |  |  |
| *Lanius collurio* Linnaeus, 1758 | *Menacanthus camelinus* (Nitzsch, 1874) | (A) **SK §** |
|  | *Menacanthus eurysternus* (Burmeister, 1838) | (A) |
|  | *Brueelia cruciata* (Burmeister, 1838) | (I) |
|  | *Philopterus coarctatus* (Scopoli, 1763) | (I) **SK** |
| *Lanius excubitor* Linnaeus, 1758 | *Menacanthus camelinus* (Nitzsch, 1874) | (A) **SK** |
|  | *Myrsidea abhorrens* (Złotorzycka, 1964) | (A) |
|  | *Brueelia imponderabilica* Eichler, 1954 | (I) **SK** |
|  | *Philopterus coarctatus* (Scopoli, 1763) | (I) **SK** |
| *Lanius minor* Gmelin, JF, 1788 | *Menacanthus camelinus* (Nitzsch, 1874) | (A) **SK** |
|  | *Brueelia minor* Lunkaschu, 1970 | (I) **SK (sp.)** |
|  | *Philopterus coarctatus* (Scopoli, 1763) | (I) **SK** |
| *Lanius senator* Linnaeus, 1758 | *Menacanthus camelinus* (Nitzsch, 1874) | (A) |
|  | *Philopterus trigonophorus* (Giebel, 1874) | (I) |
| **Locustellidae** |  |  |
| *Locustella fluviatilis* (Wolf, 1810) | *Sturnidoecus tulackovae* (Balát, 1981) | (I) **SK** |
| *Locustella luscinioides* (Savi, 1824) | *Menacanthus obrteli* Balát, 1981 | (A) **SK** |
|  | *Brueelia locustellae* Fedorenko, 1975 | (I) **SK #** |
|  | *Penenirmus kuxi* Balát, 1981 | (I) |
| *Locustella naevia* (Boddaert, 1783) |  | † |
| **Motacillidae** |  |  |
| *Anthus campestris* (Linnaeus, 1758) | *Menacanthus pusillus* (Nitzsch [in Giebel], 1866) | (A) |
|  | *Brueelia kistiakowskyi* Fedorenko, 1975 | (I) |
|  | *Penenirmus patevi* Balát, 1958 | (I) |
| *Anthus cervinus* (Pallas, 1811) |  | † |
| *Anthus pratensis* (Linnaeus, 1758) | *Menacanthus pusillus* (Nitzsch [in Giebel], 1866) | (A) |
|  | *Ricinus fringillae* De Geer, 1778 | (A) |
|  | *Brueelia corydalla* Timmermann, 1950 | (I) |
| *Anthus spinoletta* (Linnaeus, 1758) | *Menacanthus pusillus* (Nitzsch [in Giebel], 1866) | (A) **SK** |
|  | *Ricinus fringillae* De Geer, 1778 | (A) **SK** |
|  | *Brueelia corydalla* Timmermann, 1950 | (I) |
|  | *Philopterus hanzaki* Balát, 1955 | (I) **SK** |
| *Anthus trivialis* (Linnaeus, 1758) | *Menacanthus pusillus* (Nitzsch [in Giebel], 1866) | (A) |
|  | *Ricinus fringillae* De Geer, 1778 | (A) |
|  | *Brueelia ferianci* Balát, 1955 | (I) |
|  | *Philopterus vultuosus* (Złotorzycka, 1964) | (I) **SK (sp.)** |
| *Motacilla alba* Linnaeus, 1758 | *Menacanthus nogoma* Uchida, 1926 | (A) |
|  | *Menacanthus pusillus* (Nitzsch [in Giebel], 1866) | (A) |
|  | *Myrsidea dukhunensis* Ansari, 1951 | (A) |
|  | *Ricinus fringillae* De Geer, 1778 | (A) |
|  | *Brueelia kratochvili* Balát, 1958 | (I) **SK** |
|  | *Philopterus aeneas* (Piaget, 1885) | (I) |
|  | *Philopterus passerinus* (Denny, 1842) | (I) **SK** |
| *Motacilla cinerea* Tunstall, 1771 | *Menacanthus pusillus* (Nitzsch [in Giebel], 1866) | (A) **SK** |
|  | *Philopterus subitus* Fedorenko, 1985 | (I) |
| *Motacilla citreola* Pallas, 1776 |  | † |
| *Motacilla flava* Linnaeus, 1758 | *Menacanthus pusillus* (Nitzsch [in Giebel], 1866) | (A) **SK §** |
|  | *Brueelia kratochvili* Balát, 1958 | (I) **SK** |
|  | *Philopterus pavidus* (Złotorzycka, 1964) | (I) |
| **Muscicapidae** |  |  |
| *Erithacus rubecula* (Linnaeus, 1758) | *Menacanthus eurysternus* (Burmeister, 1838) | (A) |
|  | *Ricinus rubeculae* (Schrank, 1776) | (A) **SK** |
|  | *Guimaraesiella tristis* (Giebel, 1874) | (I) |
|  | *Philopterus rubeculae* (Denny, 1842) | (I) |
| *Ficedula albicollis* (Temminck, 1815) | *Ricinus pflegeri* Balát, 1952 | (A) |
| *Ficedula hypoleuca* (Pallas, 1764) | *Philopterus capillatus* (Złotorzycka, 1964) | (I) |
| *Ficedula parva* (Bechstein, 1792) | *Philopterus markevichi* Fedorenko & Volkov, 1977 | (I) **SK** |
| *Luscinia luscinia* (Linnaeus, 1758) |  | † |
| *Luscinia megarhynchos* Brehm, CL, 1831 | *Guimaraesiella lais* (Giebel, 1874) | (I) |
| *Luscinia svecica* (Linnaeus, 1758) | *Ricinus rubeculae* (Schrank, 1776) | (A) |
|  | *Sturnidoecus atharea* Ansari, 1955 | (I) |
| *Monticola saxatilis* (Linnaeus, 1766) | *Philopterus zlotorzyckae* (Mey, 1982) | (I) |
| *Monticola solitarius* (Linnaeus, 1758) | *Ricinus rubeculae* (Schrank, 1776) | (A) |
| *Muscicapa striata* (Pallas, 1764) | *Menacanthus agilis* (Nitzsch [in Giebel], 1866) | (A) |
|  | *Myrsidea proterva* (Złotorzycka, 1964) | (A) |
|  | *Philopterus desertus* (Złotorzycka, 1964) | (I) |
| *Oenanthe deserti* (Temminck, 1825) | *Ricinus rubeculae* (Schrank, 1776) | (A) |
|  | *Penenirmus desertus* Fedorenko & Belskaya, 1979 | (I) |
| *Oenanthe hispanica* (Linnaeus, 1758) |  | † |
| *Oenanthe oenanthe* (Linnaeus, 1758) | *Menacanthus affinis* Fedorenko & Belskaya, 1977 | (A) |
|  | *Menacanthus exilis* (Nitzsch [in Giebel], 1866) | (A) |
|  | *Ricinus* sp. | (A) **SK**  |
|  | *Philopterus oenanthe* Fedorenko, 1983 | (I) |
| *Oenanthe pleschanka* (Lepechin, 1770) | *Penenirmus digitiformis* Fedorenko & Belskaya, 1979 | (I) |
|  | *Philopterus pleschankae* Fedorenko, 1983 | (I) |
| *Phoenicurus ochruros* (Gmelin, SG, 1774) | *Menacanthus agilis* (Nitzsch [in Giebel], 1866) | (A) |
|  | *Ricinus rubeculae* (Schrank, 1776) | (A) |
|  | *Brueelia exigua* (Nitzsch [in Giebel], 1866) | (I) |
|  | *Penenirmus barusi* Balát, 1981 | (I) |
| *Phoenicurus phoenicurus* (Linnaeus, 1758) | *Menacanthus agilis* (Nitzsch [in Giebel], 1866) | (A) |
|  | *Ricinus rubeculae* (Schrank, 1776) | (A) |
|  | *Penenirmus silvicultrix* Mey, 1982 | (I) |
| *Saxicola rubetra* (Linnaeus, 1758) | *Brueelia* sp. | (I) **SK**  |
|  | *Penenirmus nirmoideus* (Nitzsch, 1874) | (I) **SK** |
|  | *Philopterus* sp. | (I) **SK**  |
| *Saxicola rubicola* (Linnaeus, 1766) | *Penenirmus irritans* (Ansari, 1955) | (I) |
| *Tarsiger cyanurus* (Pallas, 1773) | *Menacanthus nogoma* Uchida, 1926 | (A) |
| **Oriolidae** |  |  |
| *Oriolus oriolus* (Linnaeus, 1758) | *Menacanthus orioli* Blagoveshtchensky, 1951 | (A) |
|  | *Ricinus dolichocephalus* (Scopoli, 1763) | (A) **SK** |
|  | *Maculinirmus mundus* (Nitzsch [in Giebel], 1866) | (I) **SK** |
|  | *Philopterus ornatus* (Nitzsch [in Giebel], 1866) | (I) **SK** |
|  | *Sturnidoecus radui* Bechet, 1965 | (I) |
| **Panuridae** |  |  |
| *Panurus biarmicus* (Linnaeus, 1758) | *Menacanthus* sp. | (A) **SK #** |
|  | *Penenirmus visendus* (Złotorzycka, 1964) | (I) **SK #** |
| **Paridae** |  |  |
| *Cyanistes caeruleus* (Linnaeus, 1758) | *Menacanthus sinuatus* (Burmeister, 1838) | (A) **SK** |
|  | *Ricinus fringillae* De Geer, 1778 | (A) |
|  | *Penenirmus pari* (Denny, 1842) | (I) |
|  | *Philopterus hercynicus* (Mey, 1988) | (I) |
| *Cyanistes cyanus* (Pallas, 1770) |  | † |
| *Lophophanes cristatus* (Linnaeus, 1758) | *Ricinus fringillae* De Geer, 1778 | (A) |
| *Parus major* Linnaeus, 1758 | *Menacanthus sinuatus* (Burmeister, 1838) | (A) **SK** |
|  | *Brueelia conocephalus* (Blagoveshtchensky, 1940) | (I) |
|  | *Philopterus pallescens* (Denny, 1842) | (I) **SK** |
|  | *Philopterus thuringiacus* (Mey, 1988) | (I) **SK** |
|  | *Rostrinirmus hudeci* Balát, 1981 | (I) **SK** |
| *Periparus ater* (Linnaeus, 1758) | *Menacanthus sinuatus* (Burmeister, 1838) | (A) **SK** |
|  | *Ricinus fringillae* De Geer, 1778 | (A) |
|  | *Penenirmus pari* (Denny, 1842) | (I) |
|  | *Philopterus peripariphilus* (Mey, 1988) | (I) **SK** |
| *Poecile montanus* (von Baldenstein, 1827) |  | † |
| *Poecile palustris* (Linnaeus, 1758) | *Menacanthus sinuatus* (Burmeister, 1838) | (A) **SK** |
|  | *Philopterus pallescens* (Denny, 1842) | (I) **SK** |
| **Passeridae** |  |  |
| *Montifringilla nivalis* (Linnaeus, 1766) | *Brueelia altaica* Mey, 1982 | (I) |
|  | *Philopterus comatus* (Mey, 1982) | (I) |
| *Passer domesticus* (Linnaeus, 1758) | *Menacanthus eurysternus* (Burmeister, 1838) | (A) |
|  | *Myrsidea quadrifasciata* (Piaget, 1880) | (A) |
|  | *Ricinus fringillae* De Geer, 1778 | (A) |
|  | *Brueelia cyclothorax* (Burmeister, 1838) | (I) **SK** |
|  | *Philopterus fringillae* (Scopoli, 1772) | (I) **SK** |
|  | *Rostrinirmus boeevi* (Balát, 1958) | (I) |
|  | *Rostrinirmus ruficeps* (Nitzsch [in Giebel], 1866) | (I) |
| *Passer montanus* (Linnaeus, 1758) | *Menacanthus eurysternus* (Burmeister, 1838) | (A) **SK** |
|  | *Myrsidea quadrifasciata quadrifasciata* (Piaget, 1880) | (A) **SK**  |
|  | *Ricinus fringillae* De Geer, 1778 | (A) |
|  | *Brueelia cyclothorax* (Burmeister, 1838) | (I) **SK** |
|  | *Philopterus fringillae* (Scopoli, 1772)  | (I) **SK** |
|  | *Rostrinirmus ruficeps* (Nitzsch [in Giebel], 1866) | (I) **SK** |
| **Phylloscopidae** |  |  |
| *Phylloscopus bonelli* (Vieillot, 1819) | *Philopterus phylloscopi* Fedorenko, 1979 | (I) |
| *Phylloscopus collybita* (Vieillot, 1817) | *Menacanthus agilis* (Nitzsch [in Giebel], 1866) | (A) **SK #** |
|  | *Menacanthus curuccae* (Schrank, 1776) | (A) |
|  | *Penenirmus rarus* (Złotorzycka, 1976) | (I) |
| *Phylloscopus inornatus* (Blyth, 1842) | *Ricinus balati* Rheinwald, 1968 | (A) |
| *Phylloscopus proregulus* (Pallas, 1811) |  | † |
| *Phylloscopus schwarzi* (Radde, 1863) |  | † |
| *Phylloscopus sibilatrix* (Bechstein, 1793) | *Philopterus phylloscopi* Fedorenko, 1979 | (I) |
| *Phylloscopus trochiloides* (Sundevall, 1837) | *Ricinus balati* Rheinwald, 1968 | (A) |
| *Phylloscopus trochilus* (Linnaeus, 1758) | *Menacanthus agilis* (Nitzsch [in Giebel], 1866) | (A) **SK #** |
|  | *Menacanthus agilis* (Nitzsch [in Giebel], 1866) | (A) |
|  | *Menacanthus curuccae* (Schrank, 1776) | (A) |
|  | *Penenirmus phylloscopi* (Złotorzycka, 1976) | (I) |
|  | *Philopterus phylloscopi* Fedorenko, 1979 | (I) |
| **Prunellidae** |  |  |
| *Prunella atrogularis* (von Brandt, JF, 1843) |  | † |
| *Prunella collaris* (Scopoli, 1769) | *Ricinus fringillae* De Geer, 1778 | (A) **SK** |
|  | *Philopterus emiliae* Balát, 1955 | (I) **SK** |
| *Prunella modularis* (Linnaeus, 1758) | *Menacanthus eurysternus* (Burmeister, 1838) | (A) |
|  | *Ricinus elongatus* (Olfers, 1816) | (A) |
|  | *Ricinus fringillae* De Geer, 1778 | (A) |
|  | *Ricinus rubeculae* (Schrank, 1776) | (A) |
|  | *Brueelia modularis* (Piaget, 1880) | (I) |
|  | *Philopterus modularis* (Denny, 1842) | (I) **SK** |
| *Prunella montanella* (Pallas, 1776) |  | † |
| **Regulidae** |  |  |
| *Regulus ignicapilla* (Temminck, 1820) | *Ricinus frenatus* (Burmeister, 1838) | (A) |
| *Regulus regulus* (Linnaeus, 1758) | *Ricinus frenatus* (Burmeister, 1838) | (A) |
|  | *Philopterus gustafssoni* Najer et al., 2020*~~reguli~~* ~~(Denny, 1842)~~ | (I) **SK #** |
| **Remizidae** |  |  |
| *Remiz pendulinus* (Linnaeus, 1758) | *Menacanthus eurysternus* (Burmeister, 1838) | (A) **SK** |
|  | *Brueelia balati* (Krištofik, 1999) | (I) **SK** |
| **Sittidae** |  |  |
| *Sitta europaea* Linnaeus, 1758 | *Menacanthus eurysternus* (Burmeister, 1838) | (A) |
|  | *Brueelia conocephalus* (Blagoveshtchensky, 1940) | (I) **SK** |
|  | *Philopterus sittae* Fedorenko, 1978 | (I) **SK** |
| **Sturnidae** |  |  |
| *Pastor roseus* (Linnaeus, 1758) | *Menacanthus eurysternus* (Burmeister, 1838) | (A) |
|  | *Brueelia fuscopleura* (Blagoveshtchensky, 1951) | (I) |
|  | *Sturnidoecus pastoris* (Denny, 1842) | (I) |
| *Sturnus vulgaris* Linnaeus, 1758 | *Menacanthus eurysternus* (Burmeister, 1838) | (A) **SK** |
|  | *Myrsidea cucullaris* (Nitzsch, 1818) | (A) **SK** |
|  | *Ricinus elongatus* (Olfers, 1816) | (A) |
|  | *Brueelia nebulosa* (Burmeister, 1838) | (I) **SK** |
|  | *Sturnidoecus sturni* (Schrank, 1776) | (I) **SK** |
| **Sylviidae** |  |  |
| *Sylvia atricapilla* (Linnaeus, 1758) | *Menacanthus curuccae* (Schrank, 1776) | (A) |
|  | *Menacanthus eurysternus* (Burmeister, 1838) | (A) |
|  | *Myrsidea sylviae* Sychra & Literák, 2008 |  |
|  | *Brueelia atricapillae* (Soler Cruz, Alcántara Ibañez & Florido-Navío, 1984) | (I) |
|  | *Guimaraesiella tovornikae* (Balát, 1981) | (I) |
| *Sylvia borin* (Boddaert, 1783) | *Menacanthus curuccae* (Schrank, 1776) | (A) |
|  | *Ricinus borin* Balát, 1952 | (A) |
|  | *Brueelia borini* Lunkaschu, 1970 | (I) |
|  | *Penenirmus affectator* (Złotorzycka, 1976) | (I) |
| *Sylvia communis* Latham, 1787 | *Menacanthus curuccae* (Schrank, 1776) | (A) |
| *Sylvia curruca* (Linnaeus, 1758) | *Menacanthus curuccae* (Schrank, 1776) | (A) |
|  | *Brueelia currucae* Bechet, 1961 | (I) |
|  | *Penenirmus speciosus* Mey, 1982 | (I) |
| *Sylvia nisoria* (Bechstein, 1792) | *Menacanthus curuccae* (Schrank, 1776) | (A) |
|  | *Brueelia rosickyi* Balát, 1955 | (I) **SK** |
|  | *Penenirmus pikulai* Balát, 1981 | (I) |
| **Tichodromidae** |  |  |
| *Tichodroma muraria* (Linnaeus, 1766) | *Menacanthus eurysternus* (Burmeister, 1838) | (A) |
|  | *Philopterus hungaricus* Rékási, 1998 | (I) |
| **Troglodytidae** |  |  |
| *Troglodytes troglodytes* (Linnaeus, 1758) | *Menacanthus tenuifrons* Blagoveshtchensky, 1940 | (A) |
|  | *Myrsidea troglodyti* (Denny, 1842) | (A) |
|  | *Penenirmus albiventris* (Scopoli, 1763) | (I) **SK** |
|  | *Penenirmus longuliceps* (Blagoveshtchensky, 1940) | (I) |
|  | *Philopterus troglodytis* Fedorenko, 1986 | (I) **SK (sp.)** |
| **Turdidae** |  |  |
| *Turdus iliacus* Linnaeus, 1758 | *Menacanthus eurysternus* (Burmeister, 1838) | (A) **SK § \*\*** |
|  | *Myrsidea iliaci* Eichler, 1951 | (A) **~~SK~~** |
|  | *Ricinus elongatus* (Olfers, 1816) | (A) |
|  | *Brueelia iliaci* (Denny, 1842) | (I) |
|  | *Guimaraesiella haftorni* (Balát, 1981) | (I) |
|  | *Philopterus timmermanni* (Złotorzycka, 1964) | (I) |
| *Turdus merula* Linnaeus, 1758 | *Menacanthus eurysternus* (Burmeister, 1838) | (A) |
|  | *Myrsidea thoracica* (Giebel, 1874) | (A) |
|  | *Ricinus elongatus* (Olfers, 1816) | (A) **SK** |
|  | *Brueelia jacobi* Eichler, 1951 | (I) |
|  | *Guimaraesiella amsel* (Eichler, 1951) | (I) **SK** |
|  | *Philopterus turdi* (Denny, 1842) | (I) **SK** |
|  | *Turdinirmus merulensis* (Denny, 1842) | (I) **SK** |
| *Turdus philomelos* Brehm, CL, 1831 | *Menacanthus eurysternus* (Burmeister, 1838) | (A) **SK** |
|  | *Myrsidea iliaci* Eichler, 1951 | (A) |
|  | *Ricinus elongatus* (Olfers, 1816) | (A) |
|  | *Brueelia iliaci* (Denny, 1842) | (I) |
|  | *Guimaraesiella turdinulae* (Ansari, 1956) | (I) |
|  | *Philopterus turdi* (Denny, 1842) | (I) **SK** |
|  | *Sturnidoecus melodicus* (Eichler, 1951) | (I) |
|  | *Turdinirmus merulensis* (Denny, 1842) | (I) |
| *Turdus pilaris* Linnaeus, 1758 | *Menacanthus eurysternus* (Burmeister, 1838) | (A) **SK §** |
|  | *Ricinus elongatus* (Olfers, 1816) | (A) **SK** |
|  | *Brueelia antimarginalis* Eichler, 1951 | (I) **SK** |
|  | *Guimaraesiella marginata* (Burmeister, 1838) | (I) **SK** |
|  | *Philopterus bischoffi* (Eichler, 1951) | (I) **SK** |
| *Turdus torquatus* Linnaeus, 1758 | *Myrsidea thoracica* (Giebel, 1874) | (A) **SK § \*\*** |
|  | *Ricinus elongatus* (Olfers, 1816) | (A) **SK §** |
|  | *Brueelia intermedia* (Nitzsch [in Giebel], 1866) | (I) **SK** |
|  | *Guimaraesiella marginata* (Burmeister, 1838) | (I) |
|  | *Philopterus nativus* Fedorenko, 1977 | (I) **SK (sp.)** |
| *Turdus viscivorus* Linnaeus, 1758 | *Menacanthus eurysternus* (Burmeister, 1838) | (A) |
|  | *Myrsidea thoracica* (Giebel, 1874) | (A) **SK #** |
|  | *Ricinus elongatus* (Olfers, 1816) | (A) **SK** |
|  | *Brueelia matvejevi* Balát, 1981 | (I) |
|  | *Guimaraesiella viscivori* (Denny, 1842) | (I) |
|  | *Philopterus vernus* (Złotorzycka, 1964) | (I) **SK** |
| **Pelecaniformes** |  |  |
| **Ardeidae** |  |  |
| *Ardea alba* Linnaeus, 1758 | *Ciconiphilus decimfasciatus* (Boisduval & Lacordaire, 1835) | (A) |
|  | *Ardeicola expallidus* Blagoveshtchensky, 1940 | (I) **SK** |
| *Ardea cinerea* Linnaeus, 1758 | *Ciconiphilus decimfasciatus* (Boisduval & Lacordaire, 1835) | (A) |
|  | *Ardeicola ardeae* (Linnaeus, 1758) | (I) **SK** |
| *Ardea purpurea* Linnaeus, 1766 | *Ciconiphilus decimfasciatus* (Boisduval & Lacordaire, 1835) | (A) |
|  | *Comatomenopon elbeli* Emerson, 1958 | (A) |
|  | *Ardeicola leucoproctus* (Nitzsch [in Giebel], 1866) | (I) |
| *Ardeola ralloides* (Scopoli, 1769) | *Ardeiphilus vittatus* (Rudow, 1866) | (A) |
|  | *Ciconiphilus decimfasciatus* (Boisduval & Lacordaire, 1835) | (A) |
| *Botaurus stellaris* (Linnaeus, 1758) | *Ardeiphilus trochioxus* (Burmeister, 1838) | (A) **SK** |
|  | *Ardeicola stellaris* (Denny, 1842) | (I) **SK** |
| *Egretta garzetta* (Linnaeus, 1766) | *Ciconiphilus decimfasciatus* (Boisduval & Lacordaire, 1835) | (A) **SK #** |
|  | *Comatomenopon elongatum* Uchida, 1920 | (A) |
|  | *Myrsidea kikuchii* Uchida, 1920 | (A) |
|  | *Ardeicola expallidus* Blagoveshtchensky, 1940 | (I) |
| *Ixobrychus minutus* (Linnaeus, 1766) |  | † |
| *Nycticorax nycticorax* (Linnaeus, 1758) | *Ciconiphilus decimfasciatus* (Boisduval & Lacordaire, 1835) | (A) |
|  | *Ardeicola goisagi* Uchida, 1954 | (I) |
| **Pelecanidae** |  |  |
| *Pelecanus crispus* Bruch, 1832 | *Piagetiella titan* (Piaget, 1880) | (A) |
|  | *Pectinopygus bifasciatus* (Piaget, 1880) | (I) |
| *Pelecanus onocrotalus* Linnaeus, 1758 | *Colpocephalum eucarenum* Burmeister, 1838 | (A) |
|  | *Piagetiella titan* (Piaget, 1880) | (A) |
|  | *Pectinopygus forficulatus* (Nitzsch [in Giebel], 1866) | (I) |
| **Threskiornithidae** |  |  |
| *Platalea leucorodia* Linnaeus, 1758 | *Colpocephalum plataleae* Price & Beer, 1965 | (A) |
|  | *Eucolpocephalum femorale* (Piaget, 1880) | (A) |
|  | *Ardeicola plataleae* (Linnaeus, 1758) | (I) |
|  | *Ibidoecus plataleae* (Denny, 1842) | (I) **SK** |
| *Plegadis falcinellus* (Linnaeus, 1766) | *Colpocephalum leptopygos* Nitzsch, 1874 | (A) |
|  | *Plegadiphilus plegadis* (Dubinin, 1938) | (A) |
|  | *Ardeicola rhaphidius* (Nitzsch [in Giebel], 1866) | (I) **SK** |
|  | *Ibidoecus bisignatus* (Nitzsch [in Giebel], 1866) | (I) **SK** |
| **Piciformes** |  |  |
| **Picidae** |  |  |
| *Dendrocopos leucotos* (Bechstein, 1802) | *Colpocephalum tirkhan* (Ansari, 1951) | (A) |
|  | *Brueelia straminea* (Denny, 1842) | (I) **SK** |
|  | *Penenirmus auritus* (Scopoli, 1763) | (I) **SK** |
|  | *Picicola snodgrassi* (Kellogg, 1896) | (I) |
| *Dendrocopos major* (Linnaeus, 1758) | *Menacanthus pici* (Denny, 1842) | (A) **SK §** |
|  | *Brueelia straminea* (Denny, 1842) | (I) **SK** |
|  | *Penenirmus auritus* (Scopoli, 1763) | (I) **SK** |
|  | *Philopterus neomajor* Price, Hellenthal & Palma, 2003 | (I) |
|  | *Picicola snodgrassi* (Kellogg, 1896) | (I) |
| *Dendrocopos syriacus* (Hemprich & Ehrenberg, 1833) | *Menacanthus* sp. | (A) **SK**  |
|  | *Brueelia straminea* (Denny, 1842) | (I) |
|  | *Penenirmus auritus* (Scopoli, 1763) | (I) **SK** |
| *Dendrocoptes medius* (Linnaeus, 1758) | *Brueelia straminea* (Denny, 1842) | (I) |
|  | *Penenirmus auritus* (Scopoli, 1763) | (I) |
|  | *Picicola superciliosa* (Nitzsch [in Giebel], 1866) | (I) **SK** |
| *Dryobates minor* (Linnaeus, 1758) | *Penenirmus auritus* (Scopoli, 1763) | (I) **SK** |
| *Dryocopus martius* (Linnaeus, 1758) | *Colpocephalum inaequale* Burmeister, 1838 | (A) **SK** |
|  | *Penenirmus heteroscelis* (Nitzsch [in Giebel], 1866) | (I) **SK #** |
| *Jynx torquilla* Linnaeus, 1758 | *Brueelia straminea* (Denny, 1842) | (I) |
|  | *Penenirmus serrilumbus* (Burmeister, 1838) | (I) |
| *Picoides tridactylus* (Linnaeus, 1758) | *Menacanthus picicola* (Packard, 1873) | (A) |
|  | *Penenirmus arcticus* Carriker, 1958 | (I) |
| *Picus canus* Gmelin, JF, 1788 | *Colpocephalum tirkhan* (Ansari, 1951) | (A) |
|  | *Menacanthus pici* (Denny, 1842) | (A) |
|  | *Penenirmus pici* (Fabricius, J. C., 1798) | (I) **SK** |
|  | *Picicola candidus* (Nitzsch [in Giebel], 1866) | (I) **SK** |
| *Picus viridis* Linnaeus, 1758 | *Menacanthus pici* (Denny, 1842) | (A) **SK** |
|  | *Penenirmus pici* (Fabricius, J. C., 1798) | (I) **SK** |
|  | *Picicola candidus* (Nitzsch [in Giebel], 1866) | (I) **SK** |
| **Podicipediformes** |  |  |
| **Podicipedidae** |  |  |
| *Podiceps auritus* (Linnaeus, 1758) | *Pseudomenopon dolium* (Rudow, 1869) | (A) |
|  | *Aquanirmus bucomfishi* Edwards, 1965 | (I) |
|  | *Aquanirmus colymbinus* (Scopoli, 1763) | (I) **SK** |
| *Podiceps cristatus* (Linnaeus, 1758) | *Pseudomenopon dolium* (Rudow, 1869) | (A) **SK** |
|  | *Aquanirmus podicepis* (Denny, 1842) | (I) **SK** |
| *Podiceps grisegena* (Boddaert, 1783) | *Pseudomenopon dolium* (Rudow, 1869) | (A) |
|  | *Aquanirmus emersoni* Edwards, 1965 | (I) |
| *Podiceps nigricollis* Brehm, CL, 1831 | *Laemobothrion* (*Eulaemobothrion*) *simile* Kellogg, 1896 | (A) |
|  | *Pseudomenopon dolium* (Rudow, 1869) | (A) |
|  | *Aquanirmus americanus* (Kellogg & Chapman, 1899) | (I) |
| *Tachybaptus ruficollis* (Pallas, 1764) | *Pseudomenopon dolium* (Rudow, 1869) | (A) |
|  | *Aquanirmus bahli* Tandan, 1951 | (I) **SK** |
|  | *Aquanirmus runcinatus* (Nitzsch [in Giebel], 1866) | (I) |
| **Pterocliformes** |  |  |
| **Pteroclidae** |  |  |
| *Syrrhaptes paradoxus* (Pallas, 1773) | *Syrrhaptoecus bedfordi* Waterston, 1928 | (I) |
|  | *Syrrhaptoecus paradoxus* (Rudow, 1869) | (I) |
| **Strigiformes** |  |  |
| **Strigidae** |  |  |
| *Aegolius funereus* (Linnaeus, 1758) | *Kurodaia* (*Conciella*)*cryptostigmatia* (Nitzsch, 1861) | (A) |
|  | *Strigiphilus pallidus* (Giebel, 1874) | (I) |
| *Asio flammeus* (Pontoppidan, 1763) | *Colpocephalum brachysomum* Kellogg & Chapman, 1902 | (A) |
|  | *Kurodaia* (*Conciella*) *flammei* Price & Beer, 1963 | (A) |
|  | *Strigiphilus cursor* (Burmeister, 1838) | (I) **SK** |
| *Asio otus* (Linnaeus, 1758) | *Strigiphilus barbatus* (Osborn, 1902) | (I) **SK** |
| *Athene noctua* (Scopoli, 1769) | *Kurodaia* (*Conciella*)*cryptostigmatia* (Nitzsch, 1861) | (A) **SK** |
|  | *Kurodaia* (*Conciella*) *panjabensis* (Ansari, 1951) | (A) |
|  | *Strigiphilus cursitans* (Nitzsch, 1861) | (I) **SK** |
| *Bubo bubo* (Linnaeus, 1758) | *Kurodaia* (*Conciella*) *longipes* (Giebel, 1874) | (A) |
|  | *Strigiphilus goniodicerus* Eichler, 1949 | (I) |
|  | *Strigiphilus strigis* (Pontoppidan, 1763) | (I) **SK** |
| *Bubo scandiacus* (Linnaeus, 1758) – captive bird | *Strigiphilus celebrachys* (Denny, 1842) | (I) **SK** |
| *Glaucidium passerinum* (Linnaeus, 1758) | *Kurodaia* (*Conciella*) *cryptostigmatia* (Nitzsch, 1861) | (A) |
|  | *Strigiphilus splendens* (Giebel, 1874) | (I) |
| *Otus scops* (Linnaeus, 1758) | *Kurodaia* (*Conciella*) *cryptostigmatia* (Nitzsch, 1861) | (A) |
|  | *Kurodaia* (*Conciella*) *platyclypeatum* (Piaget, 1887) | (A) |
|  | *Strigiphilus heterogenitalis* Emerson & Elbel, 1957 | (I) |
|  | *Strigiphilus tuleskovi* Balát, 1958 | (I) |
| *Strix aluco* Linnaeus, 1758 | *Kurodaia* (*Conciella*) *cryptostigmata* (Nitzsch, 1861) | (A) |
|  | *Kurodaia* (*Conciella*) *platyclypeatum* (Piaget, 1887) | (A) |
|  | *Laemobothrion* (*Eulaemobothrion*) *nocturnum* Giebel, 1874 | (A) |
|  | *Strigiphilus laticephalus* (Uchida, 1949) | (I) |
|  | *Strigiphilus portigi* Eichler, 1952 | (I) **SK** |
| *Strix uralensis* Pallas, 1771 | *Kurodaia* (*Conciella*) *cryptostigmatia* (Nitzsch, 1861) | (A) **SK § \*\*** |
|  | *Strigiphilus heterocerus* (Grube, 1851) | (I) **SK** |
|  | *Strigiphilus laticephalus* (Uchida, 1949) | (I) |
| *Surnia ulula* (Linnaeus, 1758) | *Strigiphilus crenulatus* (Giebel, 1874) | (I) |
| **Tytonidae** |  |  |
| *Tyto alba* (Scopoli, 1769) | *Colpocephalum pectinatum* Osborn, 1902 | (A) |
|  | *Colpocephalum turbinatum* Denny, 1842 | (A) |
|  | *Kurodaia* (*Conciella*) *subpachygaster* (Piaget, 1880) | (A) **SK** |
|  | *Strigiphilus aitkeni* Clay, 1966 | (I) |
|  | *Strigiphilus rostratus* (Burmeister, 1838) | (I) **SK** |
| **Suliformes** |  |  |
| **Phalacrocoracidae** |  |  |
| *Microcarbo pygmaeus* (Pallas, 1773) | *Pectinopygus excornis* (Blagoveshtchensky, 1940) | (I) |
| *Phalacrocorax aristotelis* (Linnaeus, 1761) | *Eidmanniella pellucida* (Rudow, 1869) | (A) |
|  | *Pectinopygus brevicornis* (Denny, 1842) | (I) |
| *Phalacrocorax carbo* (Linnaeus, 1758) | *Eidmanniella pellucida* (Rudow, 1869) | (A) **SK #** |
|  | *Pectinopygus gyricornis* (Denny, 1842) | (I) **SK** |
| **MAMMALS** |  |  |
| **Cetartiodactyla** |  |  |
| **Bovidae** |  |  |
| *Bison bonasus* (Linnaeus, 1758) | *Bovicola sedecimdecembrii* Eichler, 1946 | (I) |
| *Bos taurus* (Linnaeus, 1758) ­– captive | *Bovicola bovis* (Linnaeus, 1758) | (I) |
| *Capra hircus* Linnaeus, 1758 ­– captive | *Bovicola caprae* (Gurlt, 1843) | (I) **SK** |
|  | *Bovicola crassipes* (Rudow, 1866) | (I) |
|  | *Bovicola limbatus* (Gervais, 1844) | (I) |
| *Ovis aries* Linnaeus, 1758 ­– captive | *Bovicola ovis* (Schrank, 1781) | (I) |
| *Rupicapra rupicapra* (Linnaeus, 1758) | *Bovicola alpinus* Kéler, 1942 | (I) **SK** |
| **Cervidae** |  |   |
| *Capreolus capreolus* (Linnaeus, 1758) | *Damalinia meyeri* (Taschenberg, 1882) | (I) **SK** |
| *Cervus elaphus* Linnaeus, 1758 | *Bovicola concavifrons* (Hopkins, 1960) | (I) |
|  | *Bovicola longicornis* (Nitzsch, 1818) | (I) |
| *Dama dama* (Linnaeus, 1758) – introduced species | *Bovicola tibialis* (Piaget, 1880) | (I) |
| **Carnivora** |  |   |
| **Canidae** |  |   |
| *Canis lupus* Linnaeus, 1758 | *Trichodectes canis* (De Geer, 1778) | (I) |
| *Canis familiaris* Linnaeus, 1758 ­– captive | *Trichodectes canis* (De Geer, 1778) | (I) |
| *Nyctereutes procyonoides* (Gray, 1834) – introduced species | *Trichodectes canis* (De Geer, 1778) | (I) |
| *Vulpes vulpes* (Linnaeus, 1758) | *Felicola vulpis* (Denny, 1842) | (I) |
| **Felidae** |  |   |
| *Felis catus* Linnaeus, 1758 ­– captive | *Felicola subrostratus* (Burmeister, 1838) | (I) **SK** |
| *Felis silvestris* Schreber, 1775 | *Felicola subrostratus* (Burmeister, 1838) | (I) |
|  | *Felicola caffra* (Bedford, 1919) | (I) |
|  | *Felicola hercynianus* Kéler, 1957 | (I) |
| *Lynx lynx* (Linnaeus, 1758) | *Felicola spenceri* Hopkins, 1960 | (I) |
| **Mustelidae** |  |   |
| *Lutra lutra* (Linnaeus, 1758) | *Lutridia exilis* (Nitzsch, 1861) | (I) |
| *Martes foina* (Erxleben, 1777) | *Stachiella retusa* (Burmeister, 1838) | (I) |
| *Martes martes* (Linnaeus, 1758) | *Stachiella salfii* Conci, 1940 | (I) |
| *Meles meles* (Linnaeus, 1758) | *Trichodectes melis* (Fabricius J. C., 1805) | (I) **SK** |
| *Mustela erminea* Linnaeus, 1758 | *Stachiella ermineae* Hopkins, 1941 | (I) **SK** |
| *Mustela eversmannii* Lesson, 1827 | *Stachiella jacobi* Eichler, 1941 | (I) |
| *Mustela nivalis* Linnaeus, 1758 | *Stachiella kingi* (McGregor, 1917) | (I) |
|  | *Stachiella mustelae* (Schrank, 1803) | (I) **SK** |
| *Mustela putorius* Linnaeus, 1758 | *Stachiella jacobi* Eichler, 1941 | (I) **SK** |
| **Procyonidae** |  |   |
| *Procyon lotor* (Linnaeus, 1758) – introduced species | *Stachiella octomaculatus* (Paine, 1912) | (I) |
| **Ursidae** |  |   |
| *Ursus arctos* Linnaeus, 1758 | *Trichodectes pinguis* Burmeister, 1838 | (I) |
| **Perissodactyla** |  |   |
| **Equiidae** |  |   |
| *Equus asinus* Linnaeus, 1758 ­– captive | *Bovicola ocellatus* (Piaget, 1880) | (I) |
| *Equus caballus* Linnaeus, 1758 ­– captive | *Bovicola equi* (Denny, 1842) | (I) |