

Appendix 1 til Kayser, B. 2017: False decline in bird populations due to bird counter's hearing loss? – Dansk Orn. Foren. Tidsskr. 111: 71-75.

The species in the paper are grouped either as 'seen' or 'heard' species. This is based on the experience of the author from many years of counting in several habitats. This appendix lists the species covered by this study which are part of the 'heard' group. For each species the pitch of its sound is given. The pitch level of bird sounds of relevant species was obtained from sonograms given by Cramp et al. (1977-1994). If the main sound pressure was above 4 kHz, the sound was classified as high-pitched, if it was below 2 kHz, it was classified as low-pitched, and if it was between 2 and 4 kHz, it was classified as intermediate.

I artiklen er arterne delt op i høre-arter ('heard') og se-arter ('seen'). Opdelingen er baseret på forfatterens mange års erfaringer med optælling af fugle i forskellige biotoper. I dette bilag gives en liste med de arter, som indgår i undersøgelsen og er blevet kategoriseret som hørearter. For hver art er stemmelejet angivet. Stemmelejet er fundet ved hjælp af sonogrammerne i Cramp et al. (1977-1994). Hvis størstedelen af lydtrykket i stemmerne ligger over 4 kHz, betegnes stemmelejet som højt ('high'), mens det betegnes som dybt ('low'), hvis størstedelen af lydtrykke ligger under 2 kHz. For arter, hvor det ligger mellem 2 og 4 kHz, betegnes det som mellemhøjt ('intermediate').

Species	Art	Pitch of sound
Little Grebe <i>Tachybaptus ruficollis</i>	Lille Lappedykker	Intermediate
Red-Necked Grebe <i>Podiceps grisegena</i>	Gråstrubet Lappedykker	Low
Stock Dove <i>Columba oenas</i>	Huldue	Low
Wood Pigeon <i>Columba palumbus</i>	Ringdue	Low
Eurasian Collared Dove <i>Streptopelia decaocto</i>	Tyrkerdue	Low
Common Cuckoo <i>Cuculus canorus</i>	Gøg	Low
Western Water Rail <i>Rallus aquaticus</i>	Vandrikse	Intermediate
Common Moorhen <i>Gallinula chloropus</i>	Rørhøne	Intermediate
Common Snipe <i>Gallinago gallinago</i>	Dobbeltbekkasin	Intermediate
Common Redshank <i>Tringa totanus</i>	Rødben	Intermediate
Tawny Owl <i>Strix aluco</i>	Natugle	Low
Green Woodpecker <i>Picus viridis</i>	Grønspætte	Low
Black Woodpecker <i>Dryocopus martius</i>	Sortspætte	Intermediate
Greater Spotted Woodpecker <i>Dendrocopos major</i>	Stor Flagspætte	Intermediate
Eurasian Jay <i>Garrulus glandarius</i>	Skovskade	Intermediate
Eurasian Magpie <i>Pica pica</i>	Husskade	Intermediate
Eurasian Jackdaw <i>Corvus monedula</i>	Allike	Intermediate
Rook <i>Corvus frugilegus</i>	Råge	Low
Common Raven <i>Corvus corax</i>	Ravn	Low
Crow <i>Corvus corone</i>	Krage	Low
Coal Tit <i>Periparus ater</i>	Sortmejse	High
Crested Tit <i>Lophophanes cristatus</i>	Topmejse	High
Marsh Tit <i>Poecile pulustris</i>	Sumpmejse	High
Blue Tit <i>Cyanistes caeruleus</i>	Blåmejse	High
Great Tit <i>Parus major</i>	Musvit	High
Eurasian Sky Lark <i>Alauda arvensis</i>	Sanglærke	High
Grashopper Warbler <i>Locustella naevia</i>	Græshoppesanger	High
Icterine Warbler <i>Hippolais icterina</i>	Gulbug	Intermediate
Sedge Warbler <i>Acrocephalus schoenobaenus</i>	Sivsanger	Intermediate
Marsh Warbler <i>Acrocephalus palustris</i>	Kærsanger	Intermediate
Common Reed Warbler <i>Acrocephalus scirpaceus</i>	Rørsanger	Intermediate
Wood Warbler <i>Rhadina sibilatrix</i>	Skovsanger	High

Species	Art	Pitch of sound
Willow Warbler <i>Phylloscopus trochilus</i>	Løvsanger	Intermediate
Common Chiffchaff <i>Phylloscopus collybita</i>	Gransanger	High
Long-tailed Tit <i>Aegithalos caudatus</i>	Halemeise	High
Eurasian Blackcap <i>Sylvia atricapilla</i>	Munk	Intermediate
Garden Warbler <i>Sylvia borin</i>	Havesanger	Intermediate
Lesser Whitethroat <i>Sylvia curruca</i>	Gærdesanger	High
Common Whitethroat <i>Sylvia communis</i>	Tornsanger	Intermediate
Goldcrest <i>Regulus regulus</i>	Fuglekonge	High
Eurasian Treecreeper <i>Certhia familiaris</i>	Træløber	High
Eurasian Nuthatch <i>Sitta europaea</i>	Spætmeise	Intermediate
Eurasian Wren <i>Troglodytes troglodytes</i>	Gærdesmutte	High
Common Starling <i>Sturnus vulgaris</i>	Stær	Intermediate
Spotted Flycatcher <i>Muscicapa striata</i>	Grå Fluesnapper	High
European Robin <i>Erithacus rubecula</i>	Rødhals	High
Thrush Nightingale <i>Luscinia luscinia</i>	Nattergal	Intermediate
European Pied Flycatcher <i>Ficedula hypoleuca</i>	Broget Fluesnapper	High
Common Redstart <i>Phoenicurus phoenicurus</i>	Rødstjert	High
Black Redstart <i>Phoenicurus ochruros</i>	Husrødstjert	High
Whinchat <i>Saxicola rubetra</i>	Bynkefugl	Intermediate
Northern Wheatear <i>Oenanthe oenanthe</i>	Stenpikker	Intermediate
Mistle Thrush <i>Turdus viscivorus</i>	Misteldrossel	Intermediate
Song Thrush <i>Turdus philomelos</i>	Sangdrossel	Intermediate
Eurasian Blackbird <i>Turdus merula</i>	Solsort	Intermediate
Fieldfare <i>Turdus pilaris</i>	Sjagger	Intermediate
Dunnock <i>Prunella modularis</i>	Jernspurv	High
House Sparrow <i>Passer domesticus</i>	Gråspurv	Intermediate
Eurasian Tree Sparrow <i>Passer montanus</i>	Skovspurv	Intermediate
Tree Pipit <i>Anthus trivialis</i>	Skovpiber	High
Meadow Pipit <i>Anthus pratensis</i>	Engpiber	Intermediate
Yellow Wagtail <i>Motacilla flava</i>	Gul Vipstjert	High
Common Chaffinch <i>Fringilla coelebs</i>	Bogfinke	Intermediate
Hawfinch <i>Coccothraustes coccothraustes</i>	Kernebider	High
Eurasian Bullfinch <i>Pyrrhula pyrrhula</i>	Dompap	Intermediate
European Greenfinch <i>Chloris chloris</i>	Grønirisk	Intermediate
Common Linnet <i>Linaria cannabina</i>	Tornirisk	High
Common Redpoll <i>Acanthis flammea</i>	Gråsisken	Intermediate
Red Crossbill <i>Loxia curvirostra</i>	Lille Korsnæb	High
European Goldfinch <i>Carduelis carduelis</i>	Stillits	High
Corn Bunting <i>Emberiza calandra</i>	Bomlærke	High
Yellowhammer <i>Emberiza citrinella</i>	Gulspurv	High
Eurasian Reed Bunting <i>Schoeniclus schoeniclus</i>	Rørspurv	High