

Figure S1: Distribution of 1km grid cells with presence (white) and absence (black) of (a) capercaillie, (b) hazel grouse, (c) three-toed woodpecker and (d) pygmy owl in the four study regions Black Forest (BF), Swiss Jura (J), Northern and Prealps (NPA), and Central Alps (CEA). Geodata: Switzerland: © Bundesamt für Landestopografie Swisstopo (Art. 30 GeoIV): License No.: 5704 000 000, <http://www.swisstopo.admin.ch>; Germany: © Landesamt für Geoinformation und Landentwicklung Baden-Württemberg, LGL, License No.: 2851.9-1/19, www.lgl-bw.de.

