

Figure S1. Satellite and field images of the landscape on the breeding habitats of *bohaii* at 66°N, 106°E in Russia (at the edge of the Boreal Forest), and *melanuroides* at 45°N, 114°E in Mongolia (on the pasture). The area's average elevation is given in the bottom right (photo by Eugene Shemyakin & Nyambayar Batbayar).