阜阳机场鸟类多样性及其危险性

李永民1,姜双林1,聂传朋1,周厚龙1,李焰焰1**,陈乃堂2,赵志华2

1阜阳师范学院生命科学学院， 安徽阜阳 236041； 2阜阳民用航空局， 安徽阜阳 236032

Avian diversity and bird strike risk at Fuyang Airport.

LI Yong-min1, JIANG Shuang-lin1, NIE Chuan-peng1, ZHOU Hou-long1, LI Yan-yan1, CHEN Nai-tang2, ZHAO Zhi-hua2

1School of Life Science, Fuyang Teachers College, Fuyang 236041, Anhui, China;2Civil Aviation Administration of Fuyang, Fuyang 236032, Anhui, China

摘要 2008年6月至2010年1月，对阜阳机场及其周围5种生境（草地、农田、城镇、湿地、林地）的鸟类进行调查，并对不同季节、不同生境的鸟类多样性进行分析.结果表明：本次调查共记录到鸟类122种，隶属于15目40科；阜阳机场夏、秋季的鸟类种数显著高于冬、春季，秋季鸟类密度显著高于其他季节，夏季的鸟类多样性指数、均匀度指数均高于其他季节；在阜阳机场及其周边的5种生境中，林地的鸟类种数、密度均显著大于其他生境，林地、湿地、农田的鸟类多样性较高；对阜阳机场鸟击最危险的鸟种是麻雀、白头鹎、家燕、家鸽、喜鹊、珠颈斑鸠、灰椋鸟等.

关键词： 鸟类 多样性 鸟击防范 阜阳机场

Abstract： From June 2008 to January 2010, a survey of avian communities was conducted in five habitats (grassland, farmland, town, wetland, and woodland) at Fuyang Airport and its surrounding areas, with the diversity indices in different seasons and different habitats analyzed. A total of 122 avian species belonging to 15 orders and 40 families were recorded. At Fuyang Airport, the avian species number was significantly higher in summer and autumn than in winter and spring, the avian density was the highest in autumn, and the Shannon diversity index and Pielou evenness index were the highest in summer. Among the five habitats at the Airport and its surrounding areas, woodland had the greatest avian species number and density, and the woodland, wetland, and farmland had higher Shannon diversity index than grassland and town. The most dangerous avian species to the airplanes at Fuyang Airport were *Passer montanus, Pycnonotus sinensis, Hirundo rustica, Columba livia* f. *domestica, Pica pica, Streptopelia chinensis*, and *Sturnus cineraceu*.

Key words： aves diversity bird strike avoidance Fuyang Airport

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