

RESULTS OF ORNITHOFAUNA STUDY AT AIRSOME SOVIET AIRFIELDS 1972 - 1990

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SUMMARY

The paper shows results of ornithofauna investigation in 14 soviet airports, according to published data mainly. These data were published in rare editions with limited circulation, often difficult of access.

64 bird species were identified among victims of air-traffic. Species and quantitative structure of about 500 victims of collisions are shown in Table 2. Information in different columns of this table don't recommend compare, because these columns concerned different stretches of time.

Ordinal number of column in Table 2 corresponds to ordinal number of line in Table 1. Succession of bird species in Table 2 is given according to "Catalogue of birds of the USSR" by A.I. Ivanov, Leningrad, "Science", 1976. 276 p.

References for this report are absent, because it may be found in full soviet bibliography about aviation and radar ornithology 1982-1990, other working paper of this meeting.

NUMBER OF BIRD SPECIES TO REPORTED SINKING AND AIRCRAFT
NUMBER OF BIRD SPECIES, RECORD OF AERODROMES

N ^o	Airport	Number of species - victims of strikes	Number of species and families, recorded on aerodrome	Study period	References
1	Alma-Ata	21	140 species, 33 families	1976-77	Golodovoy et al. 1984 Boris et al. 1984
2	Buhara	12	85 species, 35 families	1976-78, 1980-81	Chubukov et al. 1982
3	Kaunas	2	71 species	1972-75 and later	Pyatkovskis et al. 1984
4	Krasnodar	14		1973-88	Lechitskaya, pers. comm.
5	Palanga	5	124 species	1972-75 and later	Pyatkovskis et al. 1985
6	Porn	7	70 species, 10 orders, 52 species nest on aerodrome and its vicinity (R=3 km)	1976, 84, 1986-87	Shurakov et al. 1989
7	Samarkand	12	73 species, 32 families	1980	Rzhabakov, 1984
8	Saransk	19	90 species	1982-86	Lysenkov, 1986
9	Tashkent	21	39-56 species in spring, 26-37 in summer, 24-37 in autumn, 15-20 in winter	1976-77	Ostapenko et al. 1984

(continued)

1	2	3	4	5	6
10	Ulyanovsk	11	96 species, in winter - 12, in spring - 76, in summer - 50 species (21 nest), in autumn - 62	1985-86	Dorodkin, 1986

(continued)

1	2	3	4	5	6
10	Ulyanovsk	11	96 species, in winter - 19, in spring - 76, in summer - 56 species (21 nest), in autumn - 62	1985-86	Borodin, 1986
11	Vilnius	11	41 species	1972-75 and later	Pjatrajitis et al., 1984
12	Leningrad	13	62 species	1985-87	Zobanov, pers. comm.
13	Ashkhabad		70 species, 11 orders, 141 species nest on aerodrome and its vicinity, 33 settled, 61 migrant 38 winter species	1984	Eminov et al., 1987
14	Ufa		21 species, 5 orders	1983	Klysov et al., 1984

SEAS BIRDS SHOWN BY SITE

1954-55

	1	2	3	4	5	6	7	8	9	10	11	Total	12
<i>Cygnus olor</i>				1								1	
<i>Anser albifrons</i>				5								5	
<i>Anas platyrhynchos</i>													
<i>Anas querquedula</i>						1						1	
<i>Podiceps</i>				2								2	
<i>Podiceps</i>													
<i>Milvus migrans</i>				2						5	1	8	
<i>Buteo lagopus</i>													
<i>Circus pygargus</i>													
<i>Falco tinnunculus</i>		1			12							13	
<i>Falco columbarius</i>										1		1	
<i>Falco vespertinus</i>										1		1	
<i>Falco subbuteo</i>	1					1				3		4	
<i>Perdix perdix</i>											2	2	
<i>Coturnix coturnix</i>	5								1			6	
<i>Lyrurus tetrix</i>													
<i>Fulica atra</i>	1											1	
<i>Burhinus oedionemus</i>													
<i>Charadrius hiaticula</i>													
<i>Charadrius dubius</i>				1								1	
<i>Tringa totanus</i>								1				1	
<i>Phylomachus pugnax</i>						3						3	
<i>Calidris ferruginea</i>						1						1	
<i>Calidris alpina</i>						2						2	
<i>Gallinago Gallinago</i>									1			1	
<i>Larus canus</i>						7				3		10	
<i>Larus argentatus</i>				14								14	
<i>Larus fuscus</i>										1		1	
<i>Larus ridibundus</i>						2			1			3	

(continued)

	1	2	3	4	5	6	7	8	9	10	11	Total	12
<i>Chlidonias leucoptera</i>								2				2	
<i>Columba livia</i>	5			8			2	12	11		8	46	+
<i>Streptopelia turtur</i>							8	3	3			14	+

(continued)

	1	2	3	4	5	6	7	8	9	10	11	Total	12
<i>Chlidonias leucoptera</i>								2				2	
<i>Columba livia</i>	5			8			2	12	11		8	46	+
<i>Streptopelia turtur</i>							8		3			11	
<i>Streptopelia senegalensis</i>	1								1			2	
<i>Athene noctua</i>		1						2				3	
<i>Asio otus</i>	1							27				31	+
<i>Asio flammeus</i>	2			3				17	1	1		21	+
<i>Caprimulgus europaeus</i>	1							5		1		7	
<i>Caprimulgus aegyptius</i>		1										1	
<i>Apus apus</i>		1										1	
<i>Merops apiaster</i>	1						1	4	19	4	1	37	+
<i>Coracias garrulus</i>		1					1		3			6	
<i>Upupa epops</i>												1	
<i>Galerida cristata</i>									2			2	
<i>Alauda arvensis</i>	3			1	2		1	15		5		26	
<i>Tremophila alpestris</i>	25											23	
<i>Riparia riparia</i>	2											2	
<i>Hirundo rustica</i>	19	4					14		7		2	46	
<i>Hirundo daurica</i>									4			4	
<i>Motacilla flava</i>	4*							9	1			14	
<i>Motacilla alba</i>	2	2							1			2	
<i>Lanius minor</i>												4	
<i>Saxicda rubetra</i>								4				4	
<i>Oenanthe oenanthe</i>								3				3	
<i>Turdus pilaris</i>	1			1								2	
<i>Remiz pendulinus</i>												1	
<i>Plectrophenax nivalis</i>	2							1				1	
<i>Passer domesticus</i>	5											2	
<i>Passer indicus</i>	2											5	
<i>Passer hispaniolensis</i>	2											2	
<i>Passer montanus</i>		8					16		3			29	

(continued)

	1	2	3	4	5	6	7	8	9	10	11	Total	12
<i>Sturnus vulgaris</i>				5			1				1	7	
<i>Corvidae</i>					2		2					4	
<i>Pica pica bactriana</i>		1						7				7	
<i>Corvus monedula</i>			1	31				10	1	1		43	
<i>Corvus frugilegus</i>				1				9	1			11	
<i>Corvus cornix</i>			4		1						1	6	
Unknown species			8	41								49	
<i>Laridae</i>													
Small Passeriformes											14	14	
Total	87	20	5	83	58	16	54	138	67	26	34	590	

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