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Znanstveno priopćenje
Scientific report

Jenő J. Purger*

**FIRST DATA ON ORNITHOFAUNA OF THE FISH POND NEAR SRPSKI
MILETIĆ AND ITS SURROUNDINGS (WESTERN BAČKA)**

*PRVI PODACI O ORNITOFAUNI RIBNJAKA KOD SRPSKOG MILETIĆA
I NJEGOVE OKOLINE (ZAPADNA BAČKA)*

U razdoblju od 1980. do 1986. godine u toku 43 poludnevnih terenskih izlazaka zabeleženo je 135 vrsta ptica, a od toga 60 vrsta gnezdi na ispitivanom području.

1. INTRODUCTION

Regulation of water streams and drainage of marshy and flood areas of Vojvodina Province have caused many natural habitats of various bird species, particularly those of wading birds, to decline. Consequently, quite a number of birds searching for food, shelter, and nesting site has been observed at fish ponds. Therefore, an increasing amount of data has accumulated describing the fish pond ornithofauna (Šoti et Dimitrijević 1974; Šoti et Gergelj 1982; Šoti et Šite 1983).

The aim of this paper was to present a detailed description of the fish pond located near Srpski Mitelić, on the basis of data collected during the field investigations undertaken in this region. Ornithofauna of the region investigated has been only fragmentary described (Garovnikov 1979, 1981; Schenk 1909, 1910, 1912, 1913, 1915, 1924; Spemer 1917; Szlivka 1960).

*Petefi Šandora 12. YU-25243 Doroslovo

2. DESCRIPTION OF THE REGION INVESTIGATED

A village Srpski Mitrović (CR 54 according to UTM chart 1:500000; 45°33'N 19°13'E) is located in western Bačka (Vojvodina Province). The fish pond was engineered in 1968 and has been put to operation since 1971. It is located in south of the village. Fish pond consist of the two large basins of about 370 ha, the fourteen smaller basins – winter home, and a fishing canal about 2 km long. Cattails (*Typha* spp.) and reed (*Phragmites*) cover about 80 ha. Fish pond is located between the Dunav–Tisa–Dunav canal, the Odžaci–Srpski Miletić rail-way, Gornja Šuma wood, and saline pasture Gornja Slatina.

3. MATERIALS AND METHODS

In the period 1980–1986, the 43 half a day field trips were performed (Tab. 1).

Tab. 1. Number of field trips by months in the period 1980–1986.
Broj terenskih izlazaka po mjesecima u periodu 1980–1986.

| Mjesec | I | II | III | IV | V | VI | VII | VIII | IX | X | XI | XII | Ukupno |
|--------|---|----|-----|----|---|----|-----|------|----|---|----|-----|--------|
| 1980 | | | | | | 2 | | | | | | | 2 |
| 1981 | | | 1 | | | | 1 | | | 1 | | | 3 |
| 1982 | | | | | | | | | | | | 1 | 1 |
| 1983 | | | | | | 1 | | 1 | 1 | 1 | 1 | 1 | 6 |
| 1984 | | 1 | 1 | | | 1 | 3 | 1 | 3 | | 1 | | 11 |
| 1985 | | 1 | | 1 | 2 | 1 | 2 | | 1 | 2 | 1 | 1 | 12 |
| 1986 | 1 | | | 1 | | 1 | 1 | | 1 | 2 | 1 | | 8 |
| Ukup. | 1 | 2 | 2 | 2 | 2 | 6 | 7 | 2 | 6 | 6 | 4 | 3 | 43 |

The observations included fish pond, Gornja Šuma wood, Gornja Slatina, and poplar plantation localities. The species were listed according to Voous's ranking (Voous 1980) while the results were presented after Šoti and Šite (1983).

| | ABBREVIATIONS | SKRAĆENICE |
|------------|--------------------|-------------------|
| Aest. | Summer visitor | Gnezdarica selica |
| Stat. | Resident | Stanarica |
| Trans. | Passage migrant | Prolaznica |
| Vag. | Accidental visitor | Lutalica |
| Vag. aest. | Summer vagrant | Letnja lutalica |
| Hiem. | Winter visitor | Zimovalica |

A=Fish pond/Ribnjak

A/1=Open water/Pučina

A/2=Floating vegetation/Flotantna vegetacija

A/3=Emergent vegetation/Emerzna vegetacija

A/4=Mud and shallow water/Muljevito dno i plićak

A/5=Embankment/Nasip

B=Pasture on alkaline soils »Gornja Slatina«/Slatinski pašnjak »Gornja Slatina«

C=Edge of »Gornja Šuma« wood/Rub Gornje Šume

D=Poplar plantation along DTD–canal/Šuma »kanadske« topole pored kanala DTD

NN, N, nn, n=Very numerous, Numerous, Not numerous, Solitary

=Vrlo brojna, brojna, malobrojna, pojedinačni primjerci

RR, R, rr, r=Regular, Common, Irregular, Sporadic

=Redovna, Česta, Neredovna, Sporadična

The number in brackets behind the bird's name = Number of observations.

Broj u zagradi iza imena ptice = Broj posmatranja

4. RESULTS – SYSTEMATICS

1. *Tachybaptus ruficollis* – (24) Aest: 4.05.1985./13.11.1983. (nn/R) – A/1,2,3
2. *Podiceps cristatus* – (19) Aest: 18.03.1984./19.10.1986. (N/R) – A/1,2,3
3. *Podiceps nigricollis* – (2) Vag. aest: 22.06.1986./7.07.1986. (n/r) – A/1
4. *Phalacrocorax carbo* – (33) Trans. Vag. aest: 5.02.1984./24.11.1984. (N/R) – A/1
5. *Pelecanus crispus* – (Györe, T.) Vag. ?05.1980. 2 ex A/1
6. *Bobaurus stellaris* – (Györe, T.) Trans: ?09.1986. (n/r) – A/3
7. *Ixobrychus minutus* – (5) Aest: 4.05.1985./7.07.1986. (nn/R) – A/3,4
8. *Nycticorax nycticorax* – (5) Trans. Vag. aest: 22.06.1986./13.11.1983. (nn/rr) – A/3,4
9. *Ardeola ralloides* – (1) Vag. aest: 26.04.1986. 2 ex. A/4
10. *Egretta garzetta* – (10) Trans. Vag. aest: 3.06.1984./26.10.1985. (nn/rr) – A/4
11. *Egretta alba* – (24) Vag. aest. Hiem: 11.06.1983./27.12.1985. (nn/R) – A/4
12. *Ardea cinerea* – (40) Trans. Vag. aest. Hiem. (N/RR) – A/4,5/B
13. *Ardea purpurea* – (21) Aest: 4.05.1985./22.09.1984. (nn/R) – A/3,4,5
14. *Ciconia nigra* – (3) Vag. aest. Trans: 4.05.1985./2.09.1984. (nn/rr) – A/4
15. *Ciconia ciconia* – (18) Aest. Trans: 6.04.1985./2.09.1984. (nn/RR) – A/4,5/B
16. *Plegadis falcinellus* – (1) Vag: 26.09.1984. 1 ex. A/4
17. *Platalea leucorodia* – (9) Trans. Vag. aest: 18.03.1984./29.11.1985. (N,nn/rr) – A/4
18. *Cygnus cygnus* – (1) Hiem: 18.12.1983. 2 ex. B
19. *Anser fabalis* – (6) Trans. Hiem: 13.11.1983./5.02.1985. (NN/R) – A/1/B

20. *Anser albifrons* – (2) Trans: 13.11.1983. (N/rr) – A/1
21. *Anser erythropus* – (Györe, T.) Trans: ?.11.1986.
22. *Anser anser* – (5) Trans: 26.10.1985./5.02.1984. (nn/rr) – A/1
23. *Anas penelope* – (3) Trans: 18.03.1984./13.11.1983. (nn/r) – A/1
24. *Anas strepera* – (1) Trans: 6.04. 1985. (nn/r) – A/1
25. *Anas crecca* – (1) Trans: 26.09.1984. (nn/r) – A/1
26. *Anas platyrhynchos* – (28) Aest. Trans. Hiem. (NN/RR) – A/1,2,3,4
27. *Anas acuta* – (1) Trans: 4.09.1983. (n/r) – A/1
28. *Anas querquedula* – (5) Aest. (?): 6.04.1985./8.07.1984. (nn/rr) – A/1,2,3,4
29. *Anas clypeata* – (5) Aest. (?): 6.04.1985./1.07.1984. (N/rr) – A/1,2,3
30. *Aythya ferina* – (19) Aest: 18.03.1984./26.10.1985. (N/R) – A/1,2,3,4
31. *Aythya nyroca* – (14) Aest: 6.04.1985./24.11.1984. (N/R) – A/1,2,3,4.
32. *Aythya fuligula* – (1) Trans: 18.03.1984. 5 ex. A/1
33. *Bucephala clangula* – (Györe, T.) Trans: ?.11.1985. (n/r) – A/1
34. *Pernis apivorus* – (1) Vag: 6.10.1985. 1 ex. A/5
35. *Milvus migrans* – (1) Vag. aest: 26.05.1985. 1 ex. A/5
36. *Haliaeetus albicilla* – (3) Vag: 4.09.1983./1.07.1984./26.05.1985. (n/r) – A/1
37. *Circus aeruginosus* – (15) Aest: 6.04.1985./13.11.1983. (nn/R) – A/3/B
38. *Circus cyaneus* – (5) Hiem: 26.10.1985./5.02.1985. (n/rr) – B
39. *Accipiter gentilis* – (2) Stat. 5.02.1984./22.06.1986. (n/r) – C
40. *Accipiter nisus* – (5) Hiem: 24.11.1984./18.03.1984. (n/rr) – C
41. *Buteo buteo* – (32) Stat. (nn/RR) – A/4/B/C/D
42. *Buteo lagopus* – (2) Hiem: 5.02.1985./27.12.1985. (n/r) – A/1/C
43. *Pandion haliaetus* – (Šoti, J.) Trans: 29.08.1981. 1 ex. – A/1
44. *Falco tinnunculus* – (16) Stat: 26.05.1985./27.12.1985. (nn/R) – B/C/D
45. *Falco subbuteo* – (1) Trans: 26.09.1984. 3 ex. C
46. *Perdix perdix* – (3) Stat: 22.06.1986./24.11.1984. (nn/rr) – B/D
47. *Coturnix coturnix* – (2) Aest. (?): 4.05.1985. (nn/r) – B
48. *Phasianus colchicus* – (13) Stat: (N/RR) – A/3,5/B/C/D
49. *Rallus aquaticus* – (2) Stat. (?): 22.06.1986./27.12.1985. (n/r) – A/3
50. *Porzana porzana* – (5) Trans. (?): 26.09.1984. (nn/rr) – A/2,3
51. *Gallinula chloropus* – (17) Aest: 6.04.1985./2.10.1983. (N/R) – A/2,3
52. *Fulica atra* – (35) Aest: 18.03.1984./29.11.1985. (NN/RR) – A/1,2,3,4
53. *Grus grus* – (2) Trans: 18.03.1984./29.11.1985. (N/rr) – B
54. *Charadrius alexandrianus* – (1) Trans: 12.09.1986. 15 ex. A/4
55. *Vanellus vanellus* – (27) Aest: 18.03.1984./29.11.1985. (N/RR) – A/4,5/B
56. *Calidris ferruginea* – (1) Vag. aest: 26.05.1985. 1 ex. A/4
57. *Gallinago gallinago* – (5) Vag. aest: 19.04.1986./8.07.1984. (nn/rr) – A/4/B
58. *Limosa limosa* – (3) Trans: 18.03.1984. (n/rr) – A/4
59. *Numenius arquata* – (2) Trans: 18.03.1984. (nn/rr) – A/4
60. *Tringa erythropus* – (1) Trans: 6.04.1985. 4 ex. A/4
61. *Tringa totanus* – (1) Trans: 6.04. 1985. 5 ex. A/4
62. *Tringa ochropus* – (7) Trans. Vag. aest: 6.04.1985./6.10.1985. (nn/R) – A/4

63. *Tringa glareola* – (Šoti, J.) Trans: 27.06.1984. (R/nn) – B
64. *Astitis hypoleucos* – (3) Trans. Vag. aest: 6.04.1985./6.10.1985. (nn/rr) – A/4
65. *Larus ridibundus* – (41) Trans. Vag. aest. Hiem. (NN/RR) – A/1,4,5/B
66. *Larus argentatus* – (21) Trans. Vag. aest. Hiem. (nn/R) – A/1,4
67. *Sterna hirundo* – (7) Aest. (?): 11.06.1983./7.08.1984. (nn/r) – A/1,2
68. *Chlidonias hybridus* – (1) Vag. aest: 26.05.1985. 8 ex. A/1,4
69. *Chlidonias niger* – (4) Vag. aest: 26.04.1986./17.07.1984. (nn/r) – A/1
70. *Columba oenas* – (2) Vag. aest: 26.05.1985./17.07.1984. (nn/r) – A/1
71. *Columba palumbus* – (12) Aest. 6.04.1985./22.09.1985. (nn/R) – C/D
72. *Streptopelia decaocto* – (19) Stat. (N/R) – D
73. *Streptopelia turtur* – (4) Aest: 4.05.1985./2.09.1984. (n/R) – C/D
74. *Cuculus canorus* – (7) Aest: 4.05.1985./4.09.1983. (nn/R) – A/3/C/D
75. *Asio otus* – (1) Stat. 11.06.1983. 1 ex. A/5
76. *Apus apus* – (3) Trans. Vag. aest: 17.07.1984./22.09.1985. (nn/R) – A/1/B
77. *Alcedo atthis* – (5) Stat. 7.08.1984./27.12.1985. (n/R) – A/1,2,3,4,5
78. *Merops apiaster* – (3) Trans: 2.09.1984. (nn/R) – C
79. *Upupa epops* – (4) Trans: 6.04.1985. (nn/R) – A/5/B/C
80. *Picus viridis* – (4) Stat. (nn/R) – D
81. *Dendrocopus major* – (4) Stat. (nn/R) – C/D
82. *Galerida cristata* – (9) Stat. (nn/rr) – A/5/B
83. *Alauda arvensis* – (19) Aest. 22.03.1981./12.09.1986. (N/RR) – A/5/B
84. *Riparia riparia* – (14) Trans. Vag. aest: 4.05.1985./4.09.1983. – A/1
85. *Hirundo rustica* – (19) Aest. 6.04.1985./26.09.1984. (NN/RR) – A/1,2,3,4,5/B/C
86. *Delichon urbica* – (16) Aest: 26.04.1986./4.09.1983. (nn/R) – A/1,2,3,4,5/B
87. *Anthus trivialis* – (2) Aest. (?): 4.05.1985. (n/rr) – C
88. *Anthus spinoletta* – (2) Trans: 5.02.1985./24.11.1984. (n/rr) – A/5
89. *Motacilla flava*
M. f. flava – (17) Aest: 6.04.1985./4.09.1983. (n/RR) – A/4,5/B
M. f. feldegg – (6) Aest. (?): 26.04.1986./17.07.1984. (nn/r) – A/5/B
90. *Motacilla alba* – (19) Aest: 18.03.1984./11.10.1981. (n/RR) – A/4,5/B
91. *Troglodytes troglodytes* – (4) Hiem: 13.11.1983./27.12.1985. (n/r) – A/3/C
92. *Erithacus rubecula* – (3) Trans: 6.04.1985./11.10.1981. (n/r) – A/3/C/D
93. *Luscinia megarhynchos* – (11) Aest: 4.05.1985./12.09.1986. (N/R) – A/3/C/D
94. *Phoenicurus ochruros* – (1) Vag. aest: 7.07.1986. 1 ex. A/3
95. *Saxicola rubetra* – (6) Aest. (?): 4.05.1985./7.07.1985. (nn/R) – A/5/B
96. *Saxicola torquata* – (3) Aest. (?): 4.05.1985. (nn/rr) – A/5/B
97. *Oenanthe oenanthe* – (1) Vag. aest: 4.05.1985. 1 ex. A/5
98. *Turdus merula* – (6) Stat. (nn/R) – C/D
99. *Turdus pilaris* – (2) Hiem: 5.02.1984./5.02.1985. (nn/rr) – C/D
100. *Locustella toscinioides* – (3) Aest. (?): 22.06.1986. (n/rr) – A/3
101. *Acrocephalus schoenobaenus* – (11) Aest: 6.04.1985./26.09.1984. (nn/R) – A/3
102. *Acrocephalus scirpaceus* – (11) Aest: 4.05.1985./26.09.1984. (nn/R) – A/3

103. *Acrocephalus arundinaceus* – (14) Aest: 4.05.1985./12.09.1986. (N/R) – A/3
104. *Sylvia curruca* – (1) Trans: 2.09.1984. 3 ex. C
105. *Sylvia communis* – (3) Aest: 22.06.1986. (nn/R) – C/D
106. *Sylvia atricapilla* – (17) Aest: 26.04.1986./12.09.1986. (N/R) – C/D
107. *Phylloscopus collybita* – (2) Trans: 26.04.1986. (nn/rr) – D
108. *Regulus regulus* – (2) Hiem: 27.12.1985. (nn/rr) – C/D
109. *Muscicapa striata* – (4) Trans: 12.09.1986. (nn/R) – C/D
110. *Panurus biarmicus* – (11) Hiem: 2.10.1983./18.03.1984. (nn/R) – A/3
111. *Aegithalos caudatus* – (2) Aest: 22.06.1986. (nn/rr) – C
112. *Parus palustris* – (3) Stat. (?): 27.12.1985. (n/r) – C/D
113. *Parus caeruleus* – (13) Stat. (nn/R) – A/3/C/D
114. *Parus major* – (24) Stat. (N/RR) – A/3/C/D
115. *Remiz pendulinus* – (8) Stat. (nn/rr) – A/3/D
116. *Oriolus oriolus* – (7) Aest: 26.04.1986./20.07.1985. (nn/R) – C/D
117. *Lanius collurio* – (10) Aest: 4.05.1985./22.09.1985. (nn/R) – C/D
118. *Lanius minor* – (1) Aest. (?): 11.06.1983. (n/r) – D
119. *Lanius excubitor* – (2) Hiem: 13.11.1983./5.02.1985. (n/r) – B
120. *Garrulus glandarius* – (3) Stat. (nn/R) – C/D
121. *Pica pica* – (24) Stat. (N/RR) – A/B/C/D
122. *Corvus monedula* – (14) Stat. (N/R) – A/B/D
123. *Corvus frugilegus* – (29) Stat. (NN/RR) – A/B/D
124. *Corvus cornix* – (20) Stat. (N/RR) – A/B/D
125. *Corvus corax* – (4) Stat. (nn/rr) – A/B/D
126. *Sturnus vulgaris* – (23) Aest: 5.02.1985./13.11.1983. (N/RR) – A/3,5/B/D
127. *Passer domesticus* – (34) Stat. (NN/RR) – A/3/C/D
128. *Passer montanus* – (18) Stat. (nn/R) – A/3/C/D
129. *Fringilla coelebs* – (8) Stat. (nn/R) – C/D
130. *Frangilla montifringilla* – (2) Hiem: 27.12.1985. (nn/rr) – C
131. *Carduelis chloris* – (5) Stat. (nn/R) – C/D
132. *Carduelis carduelis* – (17) Stat. (N/RR) – A/5/B/C/D
133. *Pyrrhula pyrrhula* – (1) Hiem: 27.12.1985. (nn/rr) – C
134. *Emberiza citrinella* – (3) Stat. (nn/R) – C
135. *Emberiza schoeniclus* – (15) Stat. (nn/R) – A/3

5. CONCLUSION

The number of 135 bird species was recorded at the fish pond near Srpski Miletić and its surroundings during 43 half a day field trips in the period 1980–1986. More than 60 species are breeding in the region investigated. Breeding habitats of certain species are affected by fluctuating water level resulting from the usual pond practice. Worthy to be noted are the records of the species Dalmatian pelican (*Pelicanus crispus*), glossy ibis (*Plegadis falcinellus*), whooper swan (*Cygnus cygnus*), honey buzzard (*Pernis apivorus*) and osprey (*Pandion haliaetus*).

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7. SAŽETAK

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U ovom radu prezentovani su podaci prikupljeni za vreme terenskog rada od 1980. do 1986. godine na ribnjaku kod sela Srpski Miletić u zapadnoj Bačkoj. Pored vrsta zabeleženih u samom ribnjaku cca 370 ha, uzeli smo u obzir i vrste koje smo evidentirali u bližnoj okolini ribnjaka, tj. na slatinskom pašnjaku »Gornja Slatina«, uz rub Gornje šume i u pojasu »kanadske« topole duž kanala DTD. Za vreme istraživanja zabeleženo je 135 ptičjih vrsta, a od toga preko 60 vrsta gnezdi na ispitivanom području. Evidentirane su i neke vrste: Pelecanus crispus, Plegadis falcinellus, Cygnus cygnus, Pernis apivorus i Pandion haliaetus, koji se inače rede vidaju u ovom delu SAP Vojvodine.

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