

Supporting Information

Table 4. Biometric data of birds collected from Lake Baikal, Russia.

Species	Collected season	Analytical tissue	Sample size & sex	Standard length (cm)	Weight (g)
Resident					
House sparrow (<i>Passer domesticus</i>)	Autumn	Whole body	6 (M4,F2) ^a	15 (14-16) ^b	24 (22-27) ^b
Carton crow (<i>Corvus corone</i>)	Autumn	Whole body	3 (M2,F1)	46 (44-48)	554 (550-560)
Grey heron (<i>Ardea cinerea</i>)	Autumn	Breast muscle	2 (M2)	NA	NA
Migrant					
Lapwing (<i>Vanellus vanellus</i>)	Autumn	Whole body	4 (M3,F1)	31 (29-33)	211 (198-230)
	Spring	Whole body	5 (M3,F2)	30 (29-31)	203 (194-212)
Common gull (<i>Larus canus</i>)	Autumn	Breast muscle	4 (M2,F2)	45 (43-47)	454 (378-522)
	Spring	Breast muscle	4 (M3,F1)	48 (46-50)	503 (495-514)
Herring gull (<i>Larus argentatus</i>)	Autumn	Breast muscle	3 (M2,F1)	57 (54-59)	980 (857-1043)
	Spring	Breast muscle	3 (M1,F2)	62 (56-67)	1160 (917-1309)
Black-headed gull (<i>Larus ridibundus</i>)	Autumn	Breast muscle	3 (M3)	38 (37-39)	233 (210-260)
	Spring	Breast muscle	3 (M2,F1)	39 (39-40)	263 (230-290)
Pochard (<i>Aythya ferina</i>)	Autumn	Breast muscle	4 (M2,F2)	42 (40-45)	767 (744-788)
	Spring	Breast muscle	5 (M4,F1)	45 (44-47)	871 (767-933)
Shoveler (<i>Anas chipeata</i>)	Autumn	Breast muscle	2 (M1,F1)	41 (40-42)	515 (499-531)
	Spring	Breast muscle	3 (M3)	49 (48-50)	573 (524-603)
Garganey (<i>Anas querquedula</i>)	Autumn	Breast muscle	2 (M1,F1)	35 (35-36)	311 (285-337)
	Spring	Breast muscle	2 (M2)	39 (38-39)	337 (326-348)
Gadwall (<i>Anas strepera</i>)	Autumn	Breast muscle	3 (M2,F1)	50 (50-51)	872 (779-999)
	Spring	Breast muscle	6 (M5,F1)	50 (46-56)	814 (728-1064)
Common tern (<i>Sterna hirundo</i>)	Autumn	Whole body	5 (M3,F2)	34 (32-35)	126 (108-164)
	Spring	Whole body	7 (M3,F4)	36 (34-38)	130 (121-144)
Black-tailed godwit (<i>Limosa limosa</i>)	Autumn	Whole body	2 (M1,F1)	45 (42-47)	250 (247-254)
	Spring	Whole body	6 (M6)	40 (35-45)	225 (205-268)
Marsh sandpiper (<i>Tringa stagnatilis</i>)	Autumn	Whole body	1 (M1)	23.3	68.1
	Spring	Whole body	3 (M3)	24 (22-25)	75 (65-79)
Ruff (<i>Philomachus pugnax</i>)	Autumn	Whole body	1 (F1)	29.3	165.8
	Spring	Whole body	1 (F1)	22.6	114.4
Mallard (<i>Anas platyrhynchos</i>)	Autumn	Whole body	4 (F4)	54 (49-56)	1080 (1020-1170)
	Spring	Whole body	1 (M1)	57.3	1240

M, male; F, female; NA, not available.

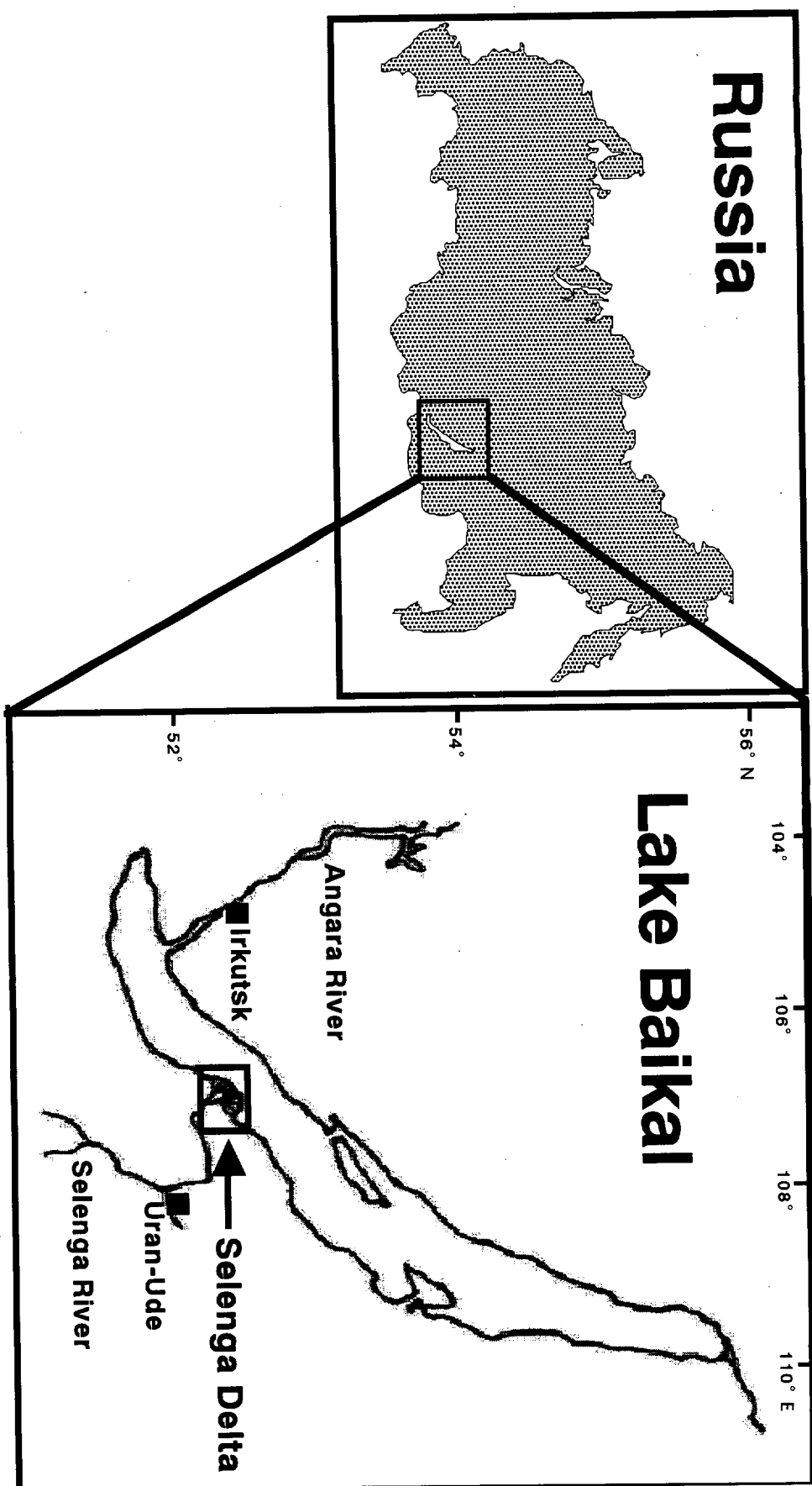
^aFigures indicate number of samples. ^bValues in parentheses indicate range of length and weight.

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Table 5. Concentrations (ng/g wet wt) and TEQs (pg/g wet wt) of non- and monoortho coplanar PCBs in birds from Lake Baikal.

Table 5. Concentrations (ng/g wet wt) and TEQs (pg/g wet wt) of PCB congeners in the diet of four species of seabirds												
PCB congener	Carrion crow ^b <i>n</i> = 2	Herring gull ^c <i>n</i> = 2	Lapwing ^d (autumn) <i>n</i> = 2	Lapwing (spring) <i>n</i> = 2	Common tern ^e (autumn) <i>n</i> = 2	Common tern (spring) <i>n</i> = 2						
IUPAC No. (TEF) ^a	Conc.	TEQs	Conc.	TEQs	Conc.	TEQs						
Non-ortho												
77 (0.05)	0.02 0.01-0.03 ^b	1.0 0.5-1.5	0.19 0.05-0.32	9.5 2.5-16	0.07 0.05-0.09	3.5 2.5-4.5						
126 (0.1)	0.01 0.01-0.02	1.0 1.0-2.0	0.54 0.12-0.96	54 12-96	0.04 0.03-0.05	4.0 3.0-5.0						
169 (0.001)	0.01 0.01-0.02	0.01 0.01-0.02	0.21 0.04-0.38	0.21 0.04-0.38	0.01 0.01-0.01	0.01 0.01-0.01						
Mono-ortho												
105 (0.0001)	0.84 0.47-1.2	0.084 0.047-0.12	65 11-120	6.5 1.1-12	2.9 1.8-4.0	0.29 0.18-0.4						
118 (0.00001)	5.6 2.7-8.4	0.056 0.027-0.084	200 32-370	2.0 0.32-3.7	7.9 3.8-12	0.079 0.038-0.12						
156 (0.0001)	6.1 2.7-9.5	0.61 0.27-0.95	37 3.5-71	3.7 0.35-7.1	1.4 0.92-1.9	0.14 0.092-0.19						
Total TEQs	2.8 1.8-4.7	76 16-140	8.0 5.8-10	13 11-15	370 290-460	49 22-77						

^aTEF values were cited from Van den Berg *et al.* (37). ^bResident. ^cMigrant. ^dRange concentration.



Kunisue et al., Fig. 6
(Supporting Information)