Results of 1998 Research on Effects of Endocrine Disrupting Chemicals on Wildlife (Carp-11)

(Concentration per wet weight)

No.	Specimen collection site	Gender(M:Male、F:Female)	Age (A:Adult)	Specimen	Lipid	番号 4		5	6		7		8				9	10	11	12
						SPEED'98 No. 14		15	16		18		19				23	25	26	43
						Cholordane					DDT		DDE and DDD							
						cis-Cholordane	trans-Cholordane	Oxychlordane	trans-Nonachlor	cis-Nonachlor	o,p'-DDT	p,p'-DDT	o,p'-DDE	p,p'-DDE	o,p'-DDD	p,p'-DDD	Dieldrin	Heptachlor	Heptachlor Epoxide	Benzo(a)pyrene
				Unit	%	μg/kg-wet														
75	Hamura-seki	F	A	Musle	1.8	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
76	Hamura-seki	F	A	Musle	2.2	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	5	< 5	< 5	< 5	< 5	< 5	< 1
77	Hamura-seki	F	A	Musle	2.3	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
78	Hamura-seki	F	A	Musle	1.2	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	19	< 5	< 5	< 5	< 5	< 5	< 1
79	Haijima-bashi	F	A	Musle	4.2	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
80	Haijima-bashi	F	A	Musle	2.6	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
81	Haijima-bashi	F	A	Musle	1.8	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
82	Haijima-bashi	F	A	Musle	2.9	< 5	< 5	< 5	5.6	< 5	< 5	< 5	< 5	6.1	< 5	< 5	< 5	< 5	< 5	< 1
83	Haijima-bashi	F	A	Musle	0.93	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
84	Tamagawara-bashi	F	A	Musle	5.3	5.7	< 5	< 5	5.7	< 5	< 5	< 5	< 5	7.8	< 5	< 5	< 5	< 5	< 5	< 1
85	Tamagawara-bashi	F	A	Musle	2.3	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	7.3	< 5	< 5	< 5	< 5	< 5	< 1
86	Tamagawara-bashi	F	A	Musle	3.2	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	5.1	< 5	< 5	< 5	< 5	< 5	< 1
87	Tamagawara-bashi	F	A	Musle	2.4	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
88	Tamagawara-bashi	F	A	Musle	2.9	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	5.3	< 5	< 5	< 5	< 5	< 5	< 1
89	Tamagawara-bashi	F	A	Musle	1.4	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
90	Tamagawara-bashi	F	A	Musle	1.4	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
91	Tamagawara-bashi	F	A	Musle	1.1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
92	Tamagawara-bashi	F	A	Musle	1.2	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
93	Tamagawara-bashi	F	A	Musle	1.1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	8.9	< 5	< 5	< 5	< 5	< 5	< 1
94	Tamagawara-bashi	F	A	Musle	1.8	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
95	Tamagawara-bashi	F	A	Musle	2.8	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
96	Tamagawara-bashi	F	A	Musle	1.1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
97	Denenchofu-seki	F	A	Musle	8.3	8.5	5	< 5	10	< 5	< 5	< 5	< 5	27	< 5	21	< 5	< 5	< 5	< 1
98	Denenchofu-seki	F	A	Musle	2.6	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	6.8	< 5	< 5	< 5	< 5	< 5	< 1
99	Denenchofu-seki	F	A	Musle	2.2	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
100	Denenchofu-seki	F	A	Musle	1.5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	5.7	< 5	< 5	< 1
101	Denenchofu-seki	F	A	Musle	0.89	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	5.6	< 5	< 5	< 5	< 5	< 5	< 1
102	Denenchofu-seki	F	A	Musle	2.5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1

Results of 1998 Research on Effects of Endocrine Disrupting Chemicals on Wildlife (Carp-12)

(Concentration per wet weight)

					No.	4		5	6		7		8				9	10	11	12
					SPEED'98 No.	14		15	16		18		19				23	25	26	43
						Cholordane					DDT		DDE and DDD							
No.	Specimen collection site	Gender(M:Male、F:Female)	Age (A:Adult)	Specimen	Lipid	cis-Cholordane	trans-Cholordane	Oxychlordane	trans-Nonachlor	cis-Nonachlor	o,p'-DDT	p,p'-DDT	o,p'-DDE	p,p'-DDE	o,p'-DDD	p,p'-DDD	Dieldrin	Heptachlor	Heptachlor Epoxide	Benzo(a)pyrene
				Unit	%	μg/kg-wet														
103	Akikawa	F	A	Muscle	3.9	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
104	Akikawa	F	A	Muscle	4.4	< 5	< 5	< 5	5.5	< 5	< 5	< 5	< 5	5.5	< 5	< 5	< 5	< 5	< 5	< 1
105	Akikawa	F	A	Muscle	1.3	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
106	Akikawa	F	A	Muscle	4.9	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
107	Akikawa	F	A	Muscle	3.5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
108	Akikawa	F	A	Muscle	1.3	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
109	Akikawa	F	A	Muscle	3.0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
110	Akikawa	F	A	Muscle	2.4	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
111	Asakawa	F	A	Muscle	1.2	< 5	< 5	< 5	5.5	< 5	< 5	< 5	< 5	6.3	< 5	< 5	< 5	< 5	< 5	< 1
112	Asakawa	F	A	Muscle	1.2	< 5	< 5	< 5	5.6	< 5	< 5	< 5	< 5	7.2	< 5	< 5	< 5	< 5	< 5	< 1
113	Asakawa	F	A	Muscle	1.3	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	5.4	< 5	< 5	< 5	< 5	< 5	< 1
114	Asakawa	F	A	Muscle	1.0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	5.3	< 5	< 5	< 5	< 5	< 5	< 1
115	Asakawa	F	A	Muscle	2.2	7.2	< 5	< 5	7.0	< 5	< 5	< 5	< 5	5.8	< 5	< 5	< 5	< 5	< 5	< 1
116	Asakawa	F	A	Muscle	2.9	15	13	< 5	11	< 5	< 5	< 5	< 5	8.4	< 5	< 5	< 5	< 5	< 5	< 1
117	Asakawa	F	A	Muscle	1.0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
118	Asakawa	F	A	Muscle	1.0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
119	Asakawa	F	A	Muscle	1.2	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	6.6	< 5	< 5	< 5	< 5	< 5	< 1
120	Asakawa	F	A	Muscle	1.4	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
121	Asakawa	F	A	Muscle	0.83	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
122	Inbanuma	F	A	Muscle	1.7	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
123	Inbanuma	F	A	Muscle	1.2	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
124	Inbanuma	F	A	Muscle	0.79	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
125	Inbanuma	F	A	Muscle	0.85	< 5	< 5	< 5	5.5	< 5	< 5	< 5	< 5	7.6	< 5	< 5	< 5	< 5	< 5	< 1
126	Inbanuma	F	A	Muscle	1.1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
127	Inbanuma	F	A	Muscle	1.0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
128	Inbanuma	F	A	Muscle	1.1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
129	Inbanuma	F	A	Muscle	0.59	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
130	Inbanuma	F	A	Muscle	0.56	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
131	Inbanuma	F	A	Muscle	0.73	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
132	Inbanuma	F	A	Muscle	0.65	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
133	Inbanuma	F	A	Muscle	0.49	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	5.5	< 5	< 5	< 5	< 5	< 5	< 1
134	Inbanuma	F	A	Muscle	0.70	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
135	Inbanuma	F	A	Muscle	0.57	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
136	Inbanuma	F	A	Muscle	0.74	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
137	Inbanuma	F	A	Muscle	0.80	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
138	Teganuma	F	A	Muscle	0.82	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
139	Teganuma	F	A	Muscle	1.6	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
140	Teganuma	F	A	Muscle	0.76	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
141	Teganuma	F	A	Muscle	0.82	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
142	Teganuma	F	A	Muscle	0.65	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
143	Teganuma	F	A	Muscle	0.68	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
144	Teganuma	F	A	Muscle	0.76	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
145	Teganuma	F	A	Muscle	2.0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1

Results of 1998 Research on Effects of Endocrine Disrupting Chemicals on Wildlife (Carp-13)

(Concentration per wet weight)

						No.	13	14	15	16	17	18	19	20			21	22	23	24	25
						SPEED'98 No.	33	34			9	11	35	36			37	38	39	40	42
														Alkyl phenol							
No.	Specimen collection site	Gender(M:Male、F:Female)	Age (A:Adult)	Specimen	Lipid		Tributyltin	Triphenyltin	Dibutyltin	Monobutyltin	Atrazine	CAT (Simazine)	Trifluralin	Nonyl phenol	4-t-Octyl phenol	4-n-Octyl phenol	Bisphenol A	Di-(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Di-n-butyl-phthalate	Diethyl phthalate
					Unit	%	μg/kg-wet														
1	Hamura-seki	M	A	Muscle	1.9		0.7	<0.3	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	37	<10	<25	< 10
2	Haijima-bashi	M	A	Muscle	1.5		<0.3	0.4	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	250	<10	<25	< 10
3	Haijima-bashi	M	A	Muscle	1.6		<0.3	<0.3	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	26	<10	<25	< 10
4	Haijima-bashi	M	A	Muscle	1.4		<0.3	0.3	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	31	<10	79	< 10
5	Haijima-bashi	M	A	Muscle	2.7		<0.3	<0.3	2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	56	<10	38	< 10
6	Haijima-bashi	M	A	Muscle	1.9		<0.3	<0.3	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	<25	<10	<25	< 10
7	Haijima-bashi	M	A	Muscle	2.3		<0.3	0.5	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	260	<10	<25	< 10
8	Haijima-bashi	M	A	Muscle	1.7		<0.3	<0.3	4	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	52	<10	<25	< 10
9	Haijima-bashi	M	A	Muscle	2.1		<0.3	<0.3	<2	2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	27	<10	74	< 10
10	Haijima-bashi	M	A	Muscle	2.1		<0.3	<0.3	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	32	<10	<25	< 10
11	Haijima-bashi	M	A	Muscle	1.1		<0.3	0.4	<2	2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	30	<10	<25	< 10
12	Haijima-bashi	M	A	Muscle	1.3		0.8	0.4	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	28	<10	<25	< 10
13	Haijima-bashi	M	A	Muscle	3.6		<0.3	<0.3	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	120	<10	59	< 10
14	Haijima-bashi	M	A	Muscle	1.3		<0.3	0.4	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	30	<10	<25	< 10
15	Haijima-bashi	M	A	Muscle	1.1		<0.3	0.7	2	2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	<25	<10	<25	< 10
16	Haijima-bashi	M	A	Muscle	1.4		<0.3	0.5	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	89	<10	<25	< 10
17	Tamagawara-seki	M	A	Muscle	1.7		<0.3	0.6	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	110	<10	27	< 10
18	Tamagawara-seki	M	A	Muscle	2.1		1.8	1.4	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	250	<10	<25	< 10
19	Tamagawara-seki	M	A	Muscle	0.90		<0.3	0.9	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	56	<10	<25	< 10
20	Tamagawara-seki	M	A	Muscle	1.0		<0.3	0.9	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	120	<10	<25	< 10
21	Denenchofu-seki	M	A	Muscle	3.2		3.3	1.6	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	<25	<10	<25	< 10
22	Denenchofu-seki	M	A	Muscle	3.0		6.8	3.6	<2	3	< 1	< 1	< 1	< 50	< 5	< 5	< 5	84	<10	<25	< 10
23	Denenchofu-seki	M	A	Muscle	3.4		5.7	2.2	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	36	<10	35	< 10
24	Denenchofu-seki	M	A	Muscle	1.6		7.4	6.2	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	<25	<10	<25	< 10
25	Denenchofu-seki	M	A	Muscle	3.0		2.9	2.6	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	81	<10	<25	< 10
26	Denenchofu-seki	M	A	Muscle	3.3		16	8.8	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	<25	<10	<25	< 10
27	Denenchofu-seki	M	A	Muscle	1.5		13	17	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	51	<10	30	< 10

Results of 1998 Research on Effects of Endocrine Disrupting Chemicals on Wildlife (Carp-14)

(Concentration per wet weight)

						No.	13	14	15	16	17	18	19	20			21	22	23	24	25
						SPEED'98 No.	33	34			9	11	35	36			37	38	39	40	42
														Alkyl phenol							
No.	Specimen collection site	Gender(M:Male、F:Female)	Age (A:Adult)	Specimen	Lipid		Tributyltin	Triphenyltin	Dibutyltin	Monobutyltin	Atrazine	CAT (Simazine)	Trifluralin	Nonyl phenol	4-t-Octyl phenol	4-n-Octyl phenol	Bisphenol A	Di-(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Di-n-butyl-phthalate	Diethyl phthalate
					Unit	%	μg/kg-wet														
28	Akikawa	M	A	Muscle	3.6		0.4	<0.3	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	50	<10	<25	< 10
29	Akikawa	M	A	Muscle	2.1		<0.3	<0.3	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	<25	<10	<25	< 10
30	Akikawa	M	A	Muscle	1.7		<0.3	<0.3	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	<25	<10	<25	< 10
31	Akikawa	M	A	Muscle	2.9		0.5	<0.3	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	<25	<10	<25	< 10
32	Akikawa	M	A	Muscle	1.8		0.3	<0.3	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	54	<10	<25	< 10
33	Akikawa	M	A	Muscle	2.6		1.8	2.0	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	38	<10	<25	< 10
34	Akikawa	M	A	Muscle	2.6		0.6	<0.3	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	<25	<10	<25	< 10
35	Akikawa	M	A	Muscle	2.7		0.3	<0.3	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	<25	<10	<25	< 10
36	Akikawa	M	A	Muscle	2.3		0.4	<0.3	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	<25	<10	<25	< 10
37	Akikawa	M	A	Muscle	1.8		<0.3	<0.3	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	33	<10	<25	< 10
38	Akikawa	M	A	Muscle	4.1		<0.3	<0.3	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	39	<10	<25	< 10
39	Akikawa	M	A	Muscle	5.0		0.5	<0.3	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	<25	<10	<25	< 10
40	Akikawa	M	A	Muscle	3.6		0.7	<0.3	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	40	<10	<25	< 10
41	Asakawa	M	A	Muscle	1.9		2.6	0.8	<2	2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	76	<10	<25	< 10
42	Asakawa	M	A	Muscle	1.3		2.7	1.0	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	34	<10	<25	< 10
43	Asakawa	M	A	Muscle	1.7		2.4	1.1	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	33	<10	<25	< 10
44	Asakawa	M	A	Muscle	1.8		<0.3	0.6	<2	3	< 1	< 1	< 1	< 50	< 5	< 5	< 5	77	<10	35	< 10
45	Asakawa	M	A	Muscle	1.7		2.7	1.3	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	62	<10	<25	< 10
46	Asakawa	M	A	Muscle	0.81		<0.3	0.8	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	52	<10	27	< 10
47	Asakawa	M	A	Muscle	1.7		<0.3	0.7	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	<25	<10	<25	< 10
48	Asakawa	M	A	Muscle	2.8		3.0	1.1	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	70	<10	<25	< 10
49	Asakawa	M	A	Muscle	1.1		1.8	0.8	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	28	<10	<25	< 10
50	Asakawa	M	A	Muscle	1.7		1.7	0.4	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	71	<10	<25	< 10
51	Asakawa	M	A	Muscle	3.1		2.7	0.7	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	98	<10	<25	< 10
52	Asakawa	M	A	Muscle	3.3		<0.3	0.7	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	120	<10	<25	< 10
53	Asakawa	M	A	Muscle	1.2		1.7	0.8	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	97	<10	<25	< 10
54	Inbanuma	M	A	Muscle	1.0		52	24	<2	2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	<25	<10	<25	< 10
55	Inbanuma	M	A	Muscle	1.1		24	2.3	5	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	<25	<10	<25	< 10
56	Inbanuma	M	A	Muscle	1.6		45	8.7	6	2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	52	<10	<25	< 10
57	Inbanuma	M	A	Muscle	1.0		50	18	5	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	83	<10	<25	< 10
58	Inbanuma	M	A	Muscle	1.0		45	23	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	<25	<10	<25	< 10
59	Inbanuma	M	A	Muscle	1.0		42	19	9	2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	<25	<10	<25	< 10
60	Inbanuma	M	A	Muscle	1.1		31	5.4	<2	2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	62	<10	26	< 10
61	Inbanuma	M	A	Muscle	0.60		42	21	6	3	< 1	< 1	< 1	< 50	< 5	< 5	< 5	45	<10	<25	< 10
62	Inbanuma	M	A	Muscle	0.77		56	15	16	6	< 1	< 1	< 1	< 50	< 5	< 5	< 5	27	<10	28	< 10
63	Teganuma	M	A	Muscle	4.9		0.6	0.4	<2	<2	< 1	< 1	2.0	< 50	< 5	< 5	< 5	53	<10	<25	< 10
64	Teganuma	M	A	Muscle	1.4		2.2	0.8	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	<25	<10	<25	< 10
65	Teganuma	M	A	Muscle	1.1		0.3	<0.3	4	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	<25	<10	<25	< 10
66	Teganuma	M	A	Muscle	0.66		2.2	0.8	2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	110	<10	<25	< 10
67	Teganuma	M	A	Muscle	0.93		3.0	2.0	3	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	<25	<10	<25	< 10
68	Teganuma	M	A	Muscle	1.1		0.5	<0.3	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	<25	<10	<25	< 10
69	Teganuma	M	A	Muscle	0.87		<0.3	2.6	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	<25	<10	<25	< 10
70	Teganuma	M	A	Muscle	0.73		3.1	4.2	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	<25	<10	<25	< 10
71	Teganuma	M	A	Muscle	2.2		1.5	0.5	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	<25	<10	<25	< 10
72	Teganuma	M	A	Muscle	0.72		<0.3	1.1	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	<25	<10	<25	< 10
73	Teganuma	M	A	Muscle	0.75		3.0	4.0	<2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	<25	<10	<25	< 10
74	Teganuma	M	A	Muscle	0.73		3.4	1.0	2	<2	< 1	< 1	< 1	< 50	< 5	< 5	< 5	<25	<10	<25	< 10

Results of 1998 Research on Effects of Endocrine Disrupting Chemicals on Wildlife (Carp-15)

(Concentration per wet weight)

					No.	13	14	15	16	17	18	19	20			21	22	23	24	25
					SPEED'98 No.	33	34			9	11	35	36			37	38	39	40	42
													Alkyl phenol							
No.	Specimen collection site	Gender(M:Male、F:Female)	Age (A:Adult)	Specimen	Lipid	Tributyltin	Triphenyltin	Dibutyltin	Monobutyltin	Atrazine	CAT (Simazine)	Trifluralin	Nonyl phenol	4－t－Octyl phenol	4－n－Octyl phenol	Bisphenol A	Di-(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Di-n-butyl-phthalate	Diethyl phthalate
				Unit	%	μg/kg-wet														
75	Hamura-seki	F	A	Muscle	1.8	0.3	<0.3	<2	<2	< 1	< 1	< 1	<50	< 5	< 5	< 5	30	<10	<25	<10
76	Hamura-seki	F	A	Muscle	2.2	<0.3	<0.3	<2	<2	< 1	< 1	11	<50	< 5	< 5	< 5	<25	<10	<25	<10
77	Hamura-seki	F	A	Muscle	2.3	1.5	<0.3	<2	<2	< 1	< 1	4.0	<50	< 5	< 5	< 5	<25	<10	<25	<10
78	Hamura-seki	F	A	Muscle	1.2	<0.3	<0.3	<2	<2	< 1	< 1	< 1	<50	< 5	< 5	< 5	<25	<10	<25	<10
79	Haijima-bashi	F	A	Muscle	4.2	<0.3	<0.3	<2	<2	< 1	< 1	< 1	<50	< 5	< 5	< 5	51	<10	<25	<10
80	Haijima-bashi	F	A	Muscle	2.6	<0.3	<0.3	2	<2	< 1	< 1	< 1	<50	< 5	< 5	< 5	40	<10	<25	<10
81	Haijima-bashi	F	A	Muscle	1.8	<0.3	0.5	<2	2	< 1	< 1	< 1	<50	< 5	< 5	< 5	57	<10	<25	<10
82	Haijima-bashi	F	A	Muscle	2.9	<0.3	0.4	<2	<2	< 1	< 1	< 1	<50	< 5	< 5	< 5	38	<10	<25	<10
83	Haijima-bashi	F	A	Muscle	0.93	<0.3	0.3	<2	<2	< 1	< 1	< 1	<50	< 5	< 5	< 5	<25	<10	<25	<10
84	Tamagawara-bashi	F	A	Muscle	5.3	2.8	0.9	<2	<2	< 1	< 1	< 1	<50	< 5	< 5	< 5	56	<10	<25	<10
85	Tamagawara-bashi	F	A	Muscle	2.3	<0.3	0.6	<2	<2	< 1	< 1	< 1	<50	< 5	< 5	< 5	75	<10	<25	<10
86	Tamagawara-bashi	F	A	Muscle	3.2	2.1	0.5	2	<2	< 1	< 1	< 1	<50	< 5	< 5	< 5	54	<10	<25	<10
87	Tamagawara-bashi	F	A	Muscle	2.4	<0.3	0.5	<2	<2	< 1	< 1	< 1	<50	< 5	< 5	< 5	170	<10	30	<10
88	Tamagawara-bashi	F	A	Muscle	2.9	<0.3	1.2	<2	<2	< 1	< 1	< 1	<50	< 5	< 5	< 5	110	<10	<25	<10
89	Tamagawara-bashi	F	A	Muscle	1.4	1.5	0.8	<2	<2	< 1	< 1	< 1	<50	< 5	< 5	< 5	130	<10	<25	<10
90	Tamagawara-bashi	F	A	Muscle	1.4	<0.3	2.1	<2	<2	< 1	< 1	< 1	<50	< 5	< 5	< 5	<25	<10	<25	<10
91	Tamagawara-bashi	F	A	Muscle	1.1	<0.3	1.6	<2	<2	< 1	< 1	< 1	<50	< 5	< 5	< 5	36	<10	<25	<10
92	Tamagawara-bashi	F	A	Muscle	1.2	<0.3	1.6	<2	2	< 1	< 1	< 1	<50	< 5	< 5	< 5	56	<10	<25	<10
93	Tamagawara-bashi	F	A	Muscle	1.1	2.8	1.0	<2	<2	< 1	< 1	< 1	<50	< 5	< 5	< 5	68	<10	<25	<10
94	Tamagawara-bashi	F	A	Muscle	1.8	<0.3	0.3	<2	<2	< 1	< 1	< 1	<50	< 5	< 5	< 5	28	<10	<25	<10
95	Tamagawara-bashi	F	A	Muscle	2.8	<0.3	0.5	<2	<2	< 1	< 1	< 1	<50	< 5	< 5	< 5	55	<10	<25	<10
96	Tamagawara-bashi	F	A	Muscle	1.1	<0.3	1.9	9	<2	< 1	< 1	< 1	<50	< 5	< 5	< 5	40	<10	<25	<10
97	Denenchofu-seki	F	A	Muscle	8.3	43	99	<2	<2	< 1	< 1	< 1	<50	< 5	< 5	< 5	<25	<10	<25	<10
98	Denenchofu-seki	F	A	Muscle	2.6	2.3	3.1	<2	<2	< 1	< 1	< 1	<50	< 5	< 5	< 5	39	<10	<25	<10
99	Denenchofu-seki	F	A	Muscle	2.2	<0.3	1.7	<2	<2	< 1	< 1	< 1	<50	< 5	< 5	< 5	140	<10	37	<10
100	Denenchofu-seki	F	A	Muscle	1.5	4.5	1.4	<2	<2	< 1	< 1	< 1	<50	< 5	< 5	< 5	35	<10	67	<10
101	Denenchofu-seki	F	A	Muscle	0.89	2.8	5.3	<2	4	< 1	< 1	< 1	<50	< 5	< 5	< 5	31	<10	<25	<10
102	Denenchofu-seki	F	A	Muscle	2.5	<0.3	0.7	<2	<2	< 1	< 1	< 1	<50	< 5	< 5	< 5	<25	<10	<25	<10