

# Appendix 7.10: Summary Data from Electric Fishing and Seine Netting Surveys Undertaken on the Hampstead and Highgate Pond Chains in 2002

Pond name	Number of species recorded	Species list and composition*	General comments** including year classes***
Hampstead Pond Chain			
Vale of Health Pond	6	<ul style="list-style-type: none"> <li>Common carp (<i>Cyprinus carpio</i>)</li> <li>Common bream (<i>Abramis brama</i>)</li> <li>Perch (<i>Perca fluviatilis</i>)</li> <li>Pike (<i>Esox lucius</i>)</li> <li>Roach (<i>Rutilus rutilus</i>)</li> <li>Tench (<i>Tinca tinca</i>)</li> </ul>	<ul style="list-style-type: none"> <li>Assemblage dominated by juvenile roach and perch.</li> </ul>
Mixed Bathing Pond	5	<ul style="list-style-type: none"> <li>Common carp</li> <li>Common bream</li> <li>Perch</li> <li>Pike</li> <li>Roach</li> </ul>	<ul style="list-style-type: none"> <li>Assemblage dominated by roach.</li> <li>All roach captured were within the 0+ to 3+ year class.</li> </ul>
Highgate Pond chain			
Stock Pond	6	<ul style="list-style-type: none"> <li>Roach – 61%</li> <li>Perch – 13%</li> <li>Rudd (<i>Scardinius erythrophthalmus</i>) – 10%</li> <li>Roach/bream hybrid – 3%</li> <li>Common carp – 3%</li> <li>Pike – 10%</li> </ul>	<ul style="list-style-type: none"> <li>Assemblage dominated by juvenile roach in the 0+ - 2+ year classes.</li> <li>Overall fish density low.</li> </ul>
Kenwood Ladies' Bathing Pond	3	<ul style="list-style-type: none"> <li>Roach – 70%</li> <li>Perch – 24%</li> <li>Rudd – 6%</li> </ul>	<ul style="list-style-type: none"> <li>Assemblage dominated by juvenile roach and perch.</li> </ul>
Bird Sanctuary Pond	7	<ul style="list-style-type: none"> <li>Roach – 67%</li> <li>Perch – 7%</li> <li>Rudd – 3%</li> <li>Common bream – 4%</li> <li>Common carp – 1%</li> <li>Pike -10%</li> <li>Gudgeon (<i>Gobio gobio</i>) – 8%</li> </ul>	<ul style="list-style-type: none"> <li>Assemblage dominated by roach representing 0+ through to 3+ year classes.</li> <li>Majority of perch recorded in the 1++ year class.</li> </ul>

Pond name	Number of species recorded	Species list and composition*	General comments** including year classes***
Model Boating Pond	7	<ul style="list-style-type: none"> <li>Perch – 75%</li> <li>Tench – 17%</li> <li>Common carp – 4%</li> <li>Pike – 4%</li> </ul> <p>Plus roach and common bream in seine netting.</p> <p>Gudgeon also recorded in April 2002 survey.</p>	<ul style="list-style-type: none"> <li>Roach and perch dominated the catches from the electric fishing and seine netting exercises, respectively.</li> <li>Length frequency analysis indicated intermittent recruitment of roach and perch.</li> <li>Tench were present in relatively large numbers.</li> </ul>
Highgate Men's Bathing Pond	5	<ul style="list-style-type: none"> <li>Roach</li> <li>Perch</li> <li>Pike</li> <li>Gudgeon</li> <li>Common carp</li> </ul> <p>(no data on % composition available)</p>	<ul style="list-style-type: none"> <li>Roach and perch dominated the catches although these both tended to be found in low numbers.</li> <li>Common carp captured in March 2002 survey.</li> </ul>
Highgate No.1 Pond	7	<ul style="list-style-type: none"> <li>Roach -20%</li> <li>Perch – 22%</li> <li>Rudd - 3%</li> <li>Common bream – 36%</li> <li>Crucian carp (<i>Carassius carassius</i>) – 2%</li> <li>Pike – 5%</li> <li>Gudgeon – 12%</li> </ul>	<ul style="list-style-type: none"> <li>Assemblage dominated by juvenile bream, roach and perch.</li> </ul>
Notes: *Species list based on combined data set for surveys conducted in 2002. Percentage composition reported for electric fishing surveys only conducted in October 2002 only; **General comments based on October 2002 surveys only; ***Fish age comments: 0+ (a fish born within the survey breeding season – i.e. 2002); 0++ (a fish likely to have been born within the survey breeding season (and potentially in excess of 1 year old)); 1+ (a fish over 1 year old); 1++ (a fish that is at least 1 year old (and potentially in excess of 2 years old)); 2+ (a fish over 2 years old); 2++ (a fish that is at least 2 years old (and potentially in excess of 3 years old)); 3+ (a fish over 3 years old, but not more than 4years old).			