

Annexure-II

**Zooplanktons of Yashwant Lake observed at Toranmal in Satpura ranges
during December 2006 to November 2008**

A. Rotifera

Phylum - Rotifera (Pennak, 1953)

Class - Monogonota (Remane, 1933)

Order – Ploimida (Delage, 1997)

Family – Brachionidae ((Ehrenberg, 1938)

Sub-family – Brachioninae

Genus – Brachionus (Pallas, 1938)

1. *Brachionous caudatus* (Barrois and Daday, 1894)
2. *Brachionous bidentata* (Anderson, 1889)
3. *Brachionous qudridentatus* (Hermann, 1783)
4. *Brachionous fulcatus* (Zacharias, 1898)
5. *Brachionous diversicornis* (Daday, 1883)
6. *Brachionous plicatilis* (Muller, 1786)
7. *Brachionous forficula* (Wierzejski, 1891)
8. *Brachionous caliciflorus* (Pallas, 1776)
9. *Brachionous havanaensis* (Illinois)
10. *Brachionous urceolaris* (Muller, 1773)

Genus – Keratella (Bory de St. Vincent, 1822)

11. *Keratella tropica* (Apstein, 1907)
12. *Keratella procurva* (Thorpe, 1891)
13. *Keratella cockleris* (Gosse, 1851)

Family – Lecanidae

Genus – Lecane (Nitzsch, 1827)

14. *Lacana luna* (Muller, 1776)
15. *Lacana ohioensis* (Herrick, 1885)

Genus – Monostyla (Ehrenberg, 1830)

16. *Monostyla bulla* (Gosse, 1851)
17. *Monostyla lunaris* (Ehrb., 1832)

Family – Trichofercidae

Genus – Trichocera (Lamarck, 1801)

18. *Trichocera cylindrical* species

Family – Asplanchnidae

Genus – Asplanchna (Gosse, 1850)

19. *Asplanchna priodonta* Gosse, 1850)

Order – Flosculariacea

Family – Filinidae

Genus – Filina (Bory de St. Vincent, 1824)

20. *Filina opaliensis* (Zach, 1898)

21. *Filina logesita* (Ehrb., 1834)

22. *Filina pegleri* (Hutchinson, 1964)

Family – Testudinellidae

Genus – Testudinella (Bory de Vincent, 1826)

23. *Testudinella mucranata* (Gosse, 1886)

Class – Bdelloidea (Dujardin, 1841)

Order – Bdelloida

Family – Philodinidae (Ehrb., 1838)

Genus – Rotaria (Scapoli, 1777)

24. *Rotaria neptunis* (Ehrb., 1832)

B. Cladocera

Phylum – Arthropoda

Class – Crustacea (Pennant, 1777)

Order – Cladocera (Latreille, 1829)

Family – Sididae (Baird, 1850)

Genus – Diaphanosoma (Fischer, 1850)

25. *Diaphanosoma sarsi* (Richard, 1895)

Family – Daphniidae (Straus, 1820)

Genus – Ceriodaphnia (Dana, 1853)

26. *Ceriodaphnia cornuta* (Sars, 1888)

Genus – Simocephalus (Schodler, 1858)

27. *Simocephalus vetulus* (O. F. Muller, 1776)

- Family – Moinidae (Goulden, 1968)**
Genus – Moina (Baird, 1850)
 28. *Moina micrura* (Kurz., 1874)
 29. *Moina brachiata*
Family – Bosminidae (Norman and Brady, 1867)
Genus – Bosmina (Baird, 1843)
 30. *Bosmina* spp.
Family – Macrothricidae (Norman and Brady, 1867)
Genus – Macrothrix
 31. *Macrothrix spinosa* (King, 1853)
Family – Chydoridae (Stebbing, 1902)
Sub-Family – Chydorinae
Genus – Chydorus (Leach, 1843)
 32. *Chydorus* spp.
Sub-Family – Aloninae (Frey, 1967)
Genus – Alona (Baird, 1850)
 33. *Alona rectangula* (Sars, 1862)
Genus – Acroperus (Baird, 1843)
 34. *Acroperus harpae* (Baird, 1834)
Genus – Indialona (Petkovaski, 1966)
 35. *Indialona ganpati* (Petkovaski, 1966)
- C. Copepoda**
Phylum – Arthropoda
Class – Maxillopoda (Dahl, 1956)
Sub-Class – Copepoda (Milne – Edwards, 1840)
Order – Calanoida (Sars, 1903)
Family – Diaptomidae (Baird, 1850)
Sub-Family – Diaptominae (Kiefer, 1932)
Genus – Diaptomus (Westwood, 1836)
 36. *Diaptomus species* (Westwood, 1836)

Order – Cyclopoida (Burmeister, 1834)
Family – Cyclopidae (Dana, 1853)
Sub-Family – Eucyclopinae (Kiefer, 1929)
Genus – Ectocyclops (Brady, 1904)

37. *Ectocyclops* spp.

Genus – Cyclops (Muller, 1770)

38. *Cyclops* spp.

Genus – Mesocyclops (Claus, 1830)

39. *Mesocyclops hyalinus* (Rehberg, 1880)

40. *Mesocyclops leuckarti* (Claus, 1857)

Genus – Microcyclops (Claus, 1893)

41. *Macrocylops species* (claus 1893)

D. Ostracoda

Phylum – Arthropoda

Class – Crustacea (Pennant, 1777)

Sub-Class – Ostracoda (Latrielle, 1806)

Order – Podocopida (Muller, 1894)

Family – Cyprididae (Baird, 1845)

Sub-Family – Cypridinae (Baird, 1845)

Genus – Cypris (O.F. Muller, 1776)

42. *Cypris subglobosa* (Sowerby, 1840)

Genus – Eucypris (Vavra, 1891)

43. *Eucypris* spp.

Genus Hemicypris (Sars, 1903)

44. *Hemicypris anomala* (Klie, 1938)