

# Zooplankton of the Aral Sea

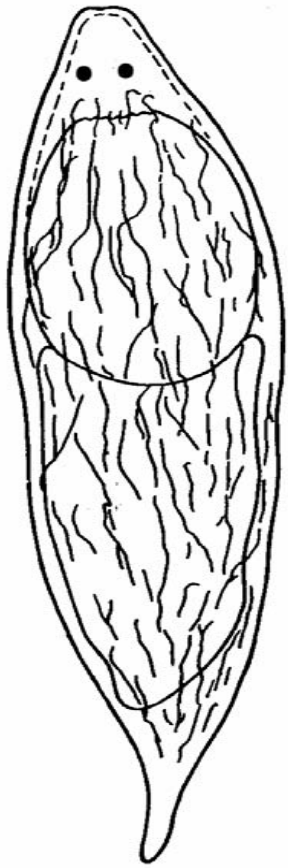
Iskandar M. Mirabdullayev

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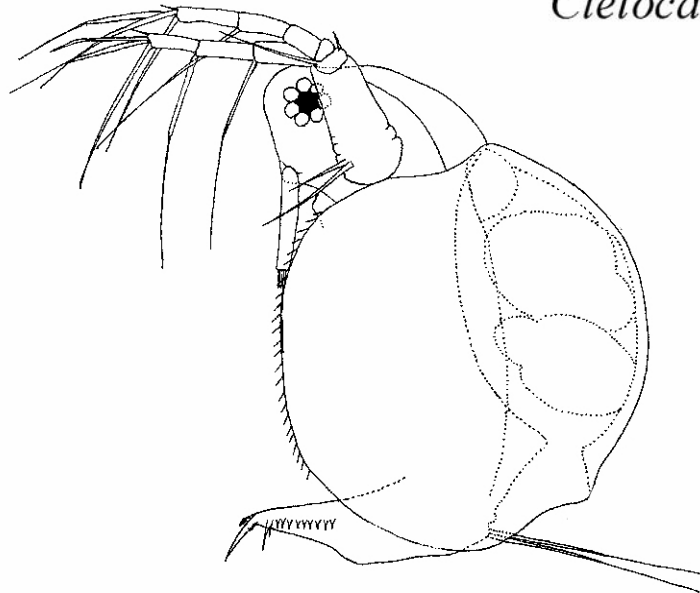
Tashkent, Uzbekistan

# Zooplankton species composition (data for 1971 and 1981 partly omitted)

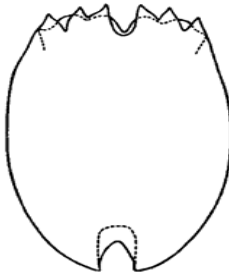
Таксоны	1971	1981	1989	1994	1996	1998	1999	2000	2001	2002	2004-2005
<i>Hexarthra fennica</i>	+	+	+	-	-	+	+	+	+	-	+
<i>Brachionus plicatilis</i>	+	+	+	+	-	-	-	-	-	-	+
<i>Synchaeta sp.</i>	+	+	+	+	+	-	-	-	-	-	-
<i>Nereis diversicolor</i>	+	+	+	+	+	+	+	+	-	-	-
<i>Cerastoderma isthmicum</i>	+	+	+	+	+	+	+	+	-	-	-
<i>Syndosmya segmentum</i>	+	+	+	+	+	+	+	+	+	-	-
<i>Chironomus salinarius.</i>	+	+	+	+	+	+	+	+	+	+	+
<i>Moina salina</i>	+	-	+	-	+	+	+	+	-	-	+
<i>Podonevadne camptonyx</i>	+	+	+	-	-	-	-	-	-	-	-
<i>Haliencyclops rotundipes</i>	+	+	+	+	+	-	-	-	-	-	-
<i>Cletocamptus retrogressus</i>	+	+	+	+	+	+	+	+	+	+	+
<i>Apocyclops dengizicus</i>	+	+	+	-	-	-	-	-	-	-	+
<i>Halectinosoma abrau</i>	+	+	+	+	+	-	-	-	-	-	-
<i>Calanipeda aquaedulcis</i>	+	+	+	+	+	-	-	-	-	-	-
<i>Artemia parthenogenetica</i>	-	-	-	-	-	+	-	+	+	+	+
Количество видов	42	18	12	9	9	8	7	8	5	3	7



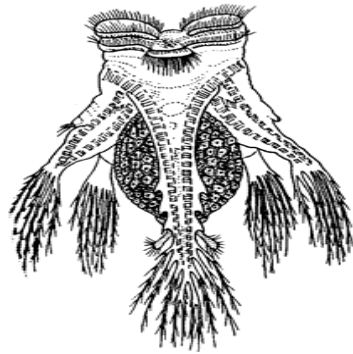
*Turbellaria*



*Moina*

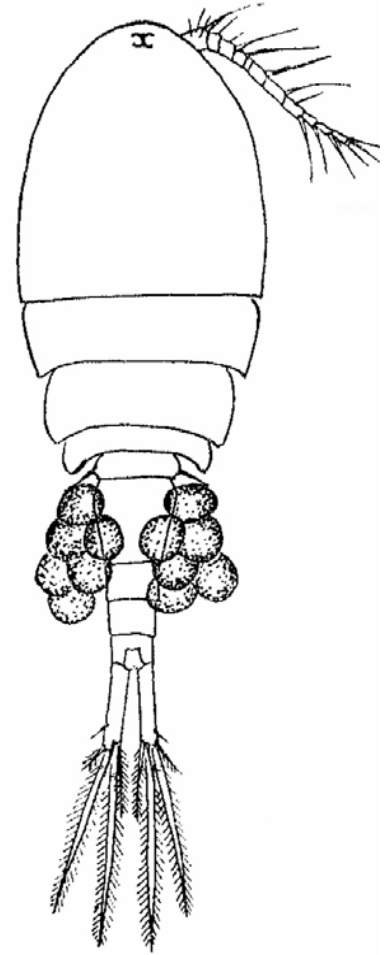
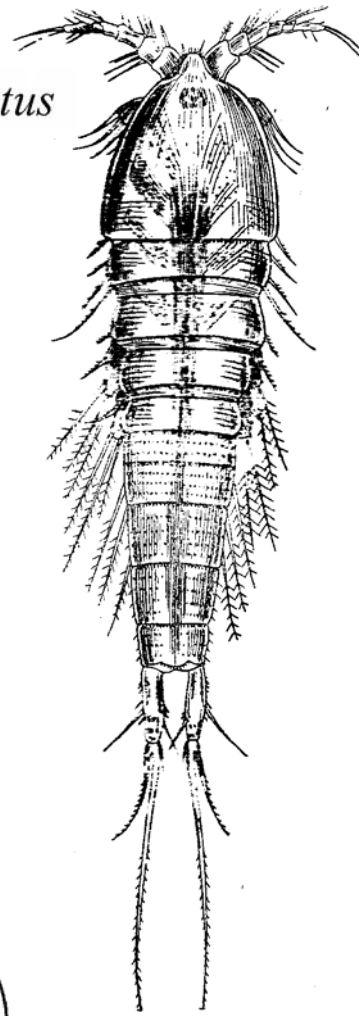


*Brachionus*



*Hexarthra*

*Cletocamptus*



*Apocyclops*

**Species composition of zooplankton in 2005**  
**West Aral**  
(D – dominants)

	V	VIII	VIIIa	IX
Turbellaria gen. sp.	+	-	-	+
<i>Hexarthra fennica</i>	D	D	D	D
<i>Brachionus plicatilis</i>	-	-	+	+
<i>Cletocamptus retrogressus</i>	-	+	+	D
<i>Apocyclops dengizicus</i>	-	+	+	+

# Species composition of zooplankton in 2005

(D – dominants)

## East Aral

	VIII	VIIIa	IX
<i>Turbellaria</i> gen. sp.	-	-	+
<i>Hexarthra fennica</i>	-	-	+
<i>Brachionus plicatilis</i>	-	-	D
<i>Cletocamptus retrogressus</i>	+	+	-
<i>Apocyclops dengizicus</i>	D	D	+
<i>Moina salina</i>	-	-	D

# Number and biomass of zooplankton in 2005 West Aral

	<b>V</b>	<b>VIII</b>	<b>VIIIa</b>	<b>IX</b>
Number, spec./m <sup>3</sup>	3024	3944	2644	2877
Biomass, mg/m <sup>3</sup>	1,67	1,46	1,75	3,64

## Number and biomass of zooplankton in 2005 East Aral

	<b>VIII</b>	<b>VIIIa</b>	<b>IX</b>
Number, spec./m <sup>3</sup>	154	134	48654
Biomass, mg/m <sup>3</sup>	2,25	1,88	609,2