



Development of an Assessment System to Evaluate the Ecological Status of Rivers in the Hindu Kush-Himalayan Region

Funded by the European Commission, 6th Framework Programme contributing to priority "Specific measures in support of international co-operation (INCO)", A.2.1. Managing humid and semi-humid ecosystems".

Contract number: INCO-CT-2005-003659

Manual for Additional Microhabitat-specific Sampling (AMS), v 1

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Introduction

Every species has specific demands to its environment. Specific conditions must be fulfilled for surviving. This particularly applies to the habitat (synonymous in our case: substrate type, microhabitat type), the living space of an animal. There are many species, which, e.g., are adapted to live in sandy substrata. They live in sandy substrata since they are adapted to this specific habitat for millions of years. For example, they have mouth tools or legs, which enable digging in sand. These adaptations are useless on other substrata, e.g. stones or large wood. Therefore, every habitat exhibits characteristic species.

The aim of AMS is to learn more about the habitat preferences of aquatic macroinvertebrates. In detail microhabitat-specific sampling will provide data on substrate preferences of aquatic organism.

AMS-basics

Where?

The AMS sampling is applied to all stream types with a main focus on streams in a "high" or "good" quality class.

What? (How?)

Only the dominant substrate types are sampled. To judge, which substrate types are dominant you should focus on rivers pre-classified as of "high" or "good" status. Possible abundant substrate types of mountain stream types to be sampled are: megalithal, macrolithal and mesolithal. Substrates, which are not present (or very rare) in the "high" or "good" quality sites, can be sampled in moderate to bad sites (see Table 1).

Table 1: Example Subtropical Pine Forest in Nepal. Relative proportion of substrate types at sampling sites taken from the multi-habitat estimation sheets. Relevant substrate types for AMS are indicated in grey.

	<i>River1</i>	<i>River2</i>	<i>River3</i>	<i>River4</i>	<i>River5</i>	<i>River6</i>	<i>River7</i>	<i>R8</i>	<i>R9</i>	<i>R10</i>	<i>R11</i>	<i>R12</i>
<i>pre-class.</i>	<i>high</i>	<i>high</i>	<i>high</i>	<i>high</i>	<i>good</i>	<i>good</i>	<i>good</i>	<i>good</i>	<i>moder.</i>	<i>moder.</i>	<i>poor</i>	<i>poor</i>
Megalithal	40%	50	55	45	40	50	55	35	45	35	20	15
Macrolithal	30%	25	25	20	20	30	10	15	20	20	10	5
Mesolithal	20%	5	10	5	20	10	15	5	20	15		
Microlithal	10%	10	5	25	20		15	10				
Sand		10	5			10		20	15	25		
Macrophytes				5			5					
Akal										5	20	20
Pelal											50	60

How many?

Five substrate types (microhabitat types) are sampled per stream type. Per substrate type five microhabitat samples are sampled. This sums up to a total of 25 Microhabitat samples per stream type (see Table 2).



Table 2: Distribution of microhabitat-specific samples according to the habitat estimation shown in Table 1.

	<i>River1</i>	<i>River2</i>	<i>River3</i>	<i>River4</i>	<i>River5</i>	<i>River6</i>	<i>River7</i>	<i>R8</i>	<i>R9</i>	<i>R10</i>	<i>R11</i>	<i>R12</i>
<i>pre-class.</i>	<i>high</i>	<i>high</i>	<i>high</i>	<i>high</i>	<i>good</i>	<i>good</i>	<i>good</i>	<i>good</i>	<i>moder.</i>	<i>moder.</i>	<i>poor</i>	<i>poor</i>
Megalithal	X	x	xx	x								
Macrolithal	X	x	x		x	x						
Mesolithal	X	x		x	x		x					
Microolithal	X	x	x	xx	x							
Sand		x				x		x	x	x		
Macrophytes												
Akal												
Pelal												

General guidelines for AMS

- AMS is an additional sampling procedure to supplement Multi-habitat Sampling (MHS). Thus, keep AMS samples always apart from MHS samples.
- Always take AMS after you have taken MHS.
- The AMS must be taken upstream (or nearby) the MHS site at comparable microhabitat conditions. NEVER take AMS samples exactly at spots, where MHS samples were taken. AMS sampling unit should generally be unaffected by the previously taken MHS samples, as far as possible.
- Regarding the way microhabitats are sampled, always try to follow the sampling guidelines as described in the manual, "Water quality guidance on Pro-rata Multi-Habitat-Sampling...."
- Each single microhabitat-specific sample equals one sampling unit of the MHS. It is taken by positioning the net and disturbing the substrate in a quadratic area that equals the frame size upstream of the net, i.e. 25 x 25 cm
- Each microhabitat-specific sample unit must be preserved SEPARATELY.
- Before taking a microhabitat-specific sample make sure that there are no animals remaining attached to the sampler. Wash the sampler thoroughly!
- Many aquatic insects are fragile and prone to damages of, e. g., gills or cerci during sample processing and transportation. For proper determination it is essential that all body appendages are entirely present. Therefore we strongly recommend to pre-sort and preserve fragile specimens (many ephemeropterans, plecopterans, etc.) directly in the field.

Sampling procedure

- Check the net sampler. No animal of former sampling should be attached at the net.
- Measure parameters that are listed in the AMS-protocol. Carry out your measurement right in front of the microhabitat that you want to sample. Do not disturb the microhabitat that you want to sample. Fill in the AMS protocol.
- Take ONE microhabitat specific sampling unit. Make sure that you sample only one substrate type. Do not sample a mixture of different substrate types.
- Transfer the sample into a white sorting tray. Check the net for remaining animals attached to the net and transfer them into the white sorting tray or directly into preservation vial(s). Remove fragile organisms from the white sorting tray into small preservation vial(s). Transfer the remaining sample including substrata into a small bucket and add sufficient preservative.

5. Place appropriate labels

- a) inside and outside the small vial(s) containing fragile and pre-sorted animals and
- b) inside and outside the small bucket(s) containing the microhabitat substrata and animals.

The label should give: date, name of river, site name; type of microhabitat (no., sub-unit), AMS-Code (see below), example:

02/04/2006, Kosi,
 at Dadhymkola
 Megalithal 12
 I02KO033MG12

Sampling of macro- and megalithal

The AMS of macro- and megalithal requires a more refined sampling procedure. The reason is that one megalithal or macrolithal block provides different microhabitats inhabiting different aquatic invertebrates. For example, a single megalithal block provides an area that is exposed to the flow (luff) and another area that is located in the flow shade (lee). The luff areas show higher flow velocities and are surrounded by running water, ideally. They can be

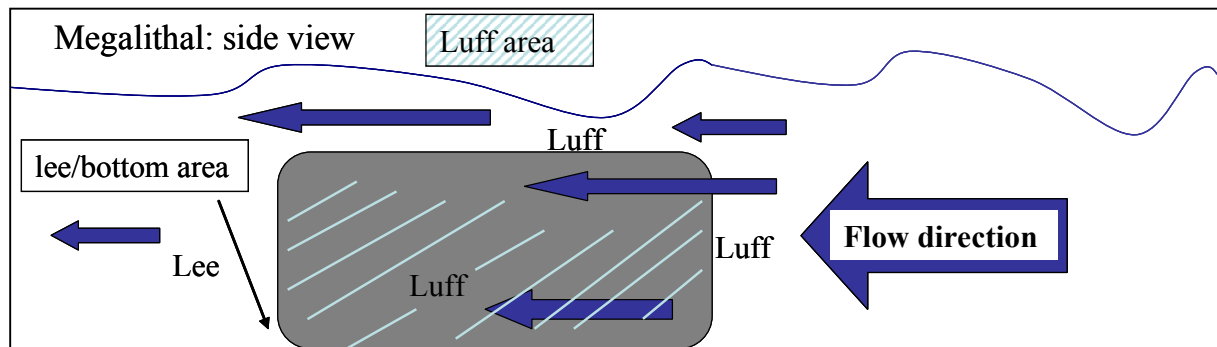


Figure 1: Megalithal block, lateral view. Location of luff and lee areas with regard to flow velocity.

detected at the front, the top and the sides (see Figure 1). The lee area is not exposed towards the flow. It is characterized by lower or no flow velocities in comparison to the luff area (lentic). The lee area is mostly situated in the back. Regarding the sampling area of lee one should focus on the bottom area (see Figure 2).

These two microhabitat sub-units, i.e. luff and lee area, should be sampled and processed separately.

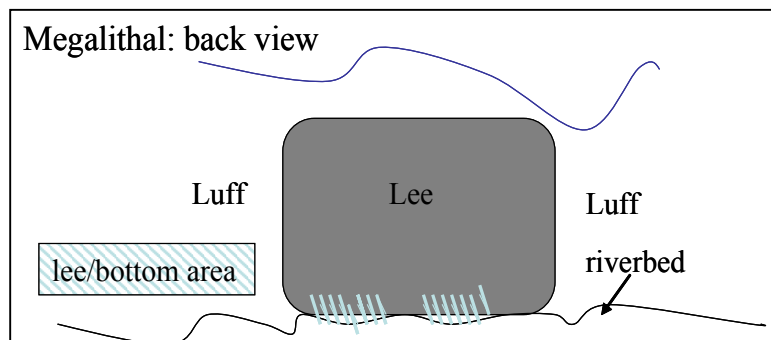


Figure 2: Megalithal block, view from back. Location of luff and lee areas with regard to flow velocity.

Sampling Procedure:

1. You divide the mega- or macrolithal block into luff (exposed to flow) and lee (flow shade). If you find animals at these sub-units you should sample them separately.
2. If you sample luff you may sample animals from the entire



surface (top and side, see Figure 1).

3. If you sample lee you should sample the bottom back side (flow shadow). Focus on the area directly above the riverbed, especially on crevices and areas of the underside (see Figure 2).

4. Regarding the way microhabitats are sampled, always try to follow the sampling guidelines as described in the manual, "Water quality guidance on Pro-rata Multi-Habitat-Sampling...."

Luff area (exposed to flow)

Area of macro- or megalithal, which are exposed directly to the flow, including air-water interface (area near the splash zone; may have a thin water layer running over)

Lee area (flow shadow)/ bottom

Area of macro- or megalithal which are located in the "flow shade"; mostly present behind stones, actually the bottom area that is turned away in the flow shade

Sampling gear

- AQEM/STAR net sampler applied for MHS sampling:

Mesh size 500 μm

Rectangular Frame size 25 x 25 cm (625 cm²)

- In general for sampling and preservation of the animals use the same equipment and materials as described in the manual for the MHS.

AMS-protocol / Parameters

Before taking AMS samples measure the required parameters (flow velocity, etc.). Do not disturb the sampling area. You may measure the parameters directly downstream the microhabitat sampling unit if they exhibit the same conditions (see Table 4 and 5).



Table 3: Example of AMS measurements for lowland sampling.

Microhabitat substrate type	sample number	No.	Sub-unit	Luff	Lee	lentic [m/s]	lotic [m/s]	depth [cm]	movable		with algae layer		distance shore [cm]
									Yes	No	Yes	No	
Sand	02	1	1				Cl 3	15	x			x	150
Sand	03	2	1			Cl 1		25	x			x	50
Akal	04	1	1				Cl 4	30		x		X	200
Akal	05	2	1				Cl2	15		x	x		40
Macrophytes	06	1	1				Cl 3	30	x			x	200

Microhabitat substrate type / sample number / No. / sub-unit

Name the microhabitat that you have sampled. Regarding sample number see below chapter Labelling / Coding. Use a continuous numbering for each substrate type (see Table 3).

As megalithal and macrolithal is subdivided into sub-units (see section: sampling of macro- and megalithal) you have to apply an additional continuous numbering for these sub-units (see Table 4).

Current velocity classes (lentic/lotic)

If you estimate current velocity use the following definitions and enter appropriate class into protocol.

Lentic: Class 1 (0 cm/s) = no current, no visible flow, or pool

Class 2: 1-10 cm/s = slow current, mostly near the shore

Lotic: Class 3: 11-30 cm/s = moderate current

Class 4: 31-50 cm/s = distinct current, mostly accompanied with surface disturbance

Class 5: 51-100 cm/s = fast current, surface distinctly disturbed

Class 6: > 100 cm/s = very fast current, broken waves at the surface



Table 4: Example of measurements for mountain samples.

Microhabitat substrate type	sample number	No.	Sub unit	Luff	Lee	lentic [m/s]	lotic [m/s]	depth [cm]	movable		with algae layer		Dist. shore [cm]
									Yes	No	Yes	No	
Megalithal	02	1	1	x			Cl 3	15		X	x		150
Megalithal	03	1	2		x	Cl1		15		X		x	150
Megalithal	04	2	1	x			Cl 6	20		X		x	300
Meaglithal	05	2	2		x	Cl2		25		x	x		300
Akal	06	1	1			Cl1		20		X		x	200
Mesolithal	07	1	1				Cl5	15		x	x		200
Mesolithal	08	2	1				Cl 3	30		X	x		200

Depth

One may use a ruler or measuring rod.

Algae layer

Indicate whether a microhabitat is covered by an algal layer (e.g., a thin, slippery green or brown layer on the surface of stones). Carry out the latter estimation AFTER a microhabitat sampling unit has been taken.

Distance shoreline

One may use a ruler or measurement rod.



Movable

A substrate is movable if it is regularly moved by medium discharge conditions (MQ). A typical example is shifting sand in lowland streams and rivers, recognisable by frequent ripple marks on the river bed. Movable substrates provide a highly dynamic microhabitat and, therefore, are usually poorly inhabited by benthic macroinvertebrates. They are often related to river regulation, such as scouring and straightening, which cause increasing (unnatural) current velocities.

Labelling / Coding

A proper labelling ensures that each vial and bucket can be assigned to the appropriate sampling site and AMS protocol respectively. At every sampling site a protocol is completed, which contains important information about the microhabitat conditions (e.g., flow velocity, depth, etc.). The animals contained in the vials and buckets of this microhabitat shall be set in relation to these information. To ensure this, responsible handling with the labelling is very important.

The unique MHS sample coding system is also valid for AMS. Basically, it is an extension (appendix) of the MHS sample code with consecutive microhabitat-specific codes for additional information on the microhabitats. The AMS code consists of four further digits.

However, the AMS sample number (digits 6 and 7 of the eight-digit-MHS sample code) MUST differ from that number assigned to the MHS sample of that site!

Example: MHS code N02CA013
AMS must start with N02CA023....

The four-digit AMS code means:

Digit 1 and 2: Substrate type (for abbreviation see Table 6)

Digit 3: The consecutive number of substrate type

Digit 4: The consecutive number of sub-unit of substrate type (if the same substrate type is sampled twice or more, only relevant for sub-units of macro-and megalithal)

Examples:

- N02XY023SA11=Nepal, Himalayan subtropical pine forests, River XY, sample 02, autumn, sampled microhabitat Sand, first microhabitat sampling unit of Sand
- N02XY033SA21=Nepal, Himalayan subtropical pine forests, River XY, sample 02, autumn, sampled microhabitat Sand, second microhabitat sampling unit of Sand
- N02CA023MG11 = Nepal, Lower Subtropical Pine Forest , Chittagong site A, sample 02, spring, sampled microhabitat is megalithal block 1, first microhabitat sub-unit
- N02CA033MG12 = Nepal, Lower Subtropical Pine Forest , Chittagong site A, sample 03, spring, sampled microhabitat is megalithal block 1, second microhabitat sub-unit
- N02CA043MG21= Nepal, Lower Subtropical Pine Forest , Chittagong site A, sample 04, spring, first microhabitat sub-unit of megalithal block 2.



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Table 5: Microhabitat codes (digits 1 and 2 of AMS code).

microhabitat type	Abbr.	microhabitat type	Abbr.
Hygropetric sites	HY	Micro-algae	IA
Megalithal	MG	Macro-algae	AA
Macrolithal	MA	Submerged macrophytes	SM
Mesolithal	ME	Emergent macrophytes	EM
Microlithal	MI	Living parts of terrestrial plants	LP
Akal	AK	Xylal	XY
Psammal	PS	CPOM	CP
Psammopelal	PP	FPOM	FP
Pelal	PE	Debris	DE
Argyllal	AR	Sewage fungi & bacteria	SF



Protocol for Additional-Microhabitat-specific-Sampling (AMS)

Site name:		Country:	
River:		Ecoregion (IMO):	
Sampling code (only first five digits):		Date / season:	
Investigator:			

Microhabitat substrate type	sample number (digits 6 and 7 of sample code)	No. (continuous for each substrate type)	No. of sub unit	luff	lee	lentic [m/s]; class	lotic [m/s]; class	depth [cm]	movable		with algae layer		distance shore [cm]
									Yes	No	Yes	No	

Measurements: Flow velocity and depth directly downstream the AMS-unit (same conditions)

Macrolithal and Megalithal: One sampling unit is subdivided into two sub-units (luff / lee) which should be sampled and preserved separate from each other

Luff areas (exposed to flow): Areas of macro- or megalithal which are exposed directly to the flow

Lee areas (flow shade): Areas of macro- or megalithal which are located in the flow shade; mostly present behind stones turned away from the flow

Do not sample mixture of substrate types

Current velocity classes: 0 cm/s = class 1 no current, e.g. pool, lentic; 1-10 cm/s = CL 2 slow current, mostly near shore; 11-30 cm/s = CL 3 moderate current; 31-50 cm/s = CL 4 distinct current, mostly accompanied with surface disturbance; 51-100 cm/s = CL 5 fast current, surface distinctly disturbed; > 100 cm/s = CL 6 very fast current

The additional AMS coding: The MHS sample coding system is also valid for AMS: Basically it is an extension of the MHS sample code with consecutive microhabitat-specific codes for additional information on the microhabitats. However, the AMS sample number (digits 6 and 7 of the eight-digit-MHS sample code) MUST differ from that number assigned to the MHS sample of that site

1. The kind of substrate type (for abbreviation see table of appropriate site protocol)

2. The consecutive number of substrate type (if the same substrate is subdivided into further sub-units; only relevant for macro-and megalithal)

Example:

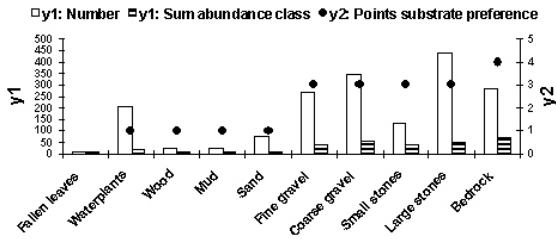
B01CA021MG11 = Bangladesh, Lower Gangetic plains (IMO 120), Chittagong site A, sample 02, spring, microhabitat: megalithal (block1) and first sub-unit of first MG block

N02CA033MG12 = Nepal, Lower Subtropical Pine Forest, Chittagong site A, sample 03, autumn, microhabitat: megalithal block1, second microhabitat sub-unit

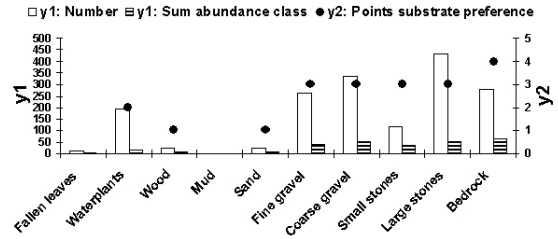
If you have questions, please contact Thomas Korte: e-mail: thomas.korte@uni-due.de

Appendix 1_3: Figures substrate preferences; individual numbers, abundance class scores, 20 point allocation.

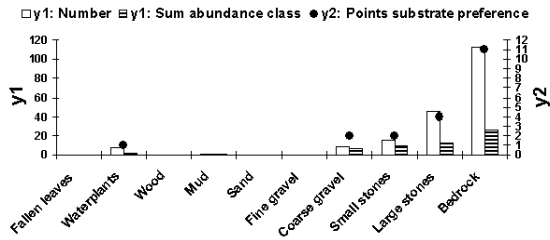
Ephemeroptera: Baetidae Gen. sp.



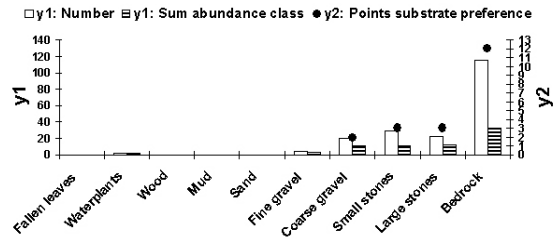
Ephemeroptera: Baetinae Gen. sp.



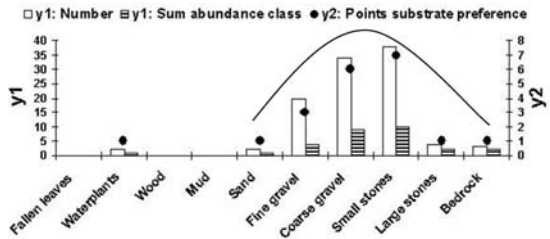
Ephemeroptera: Baetiella sp.



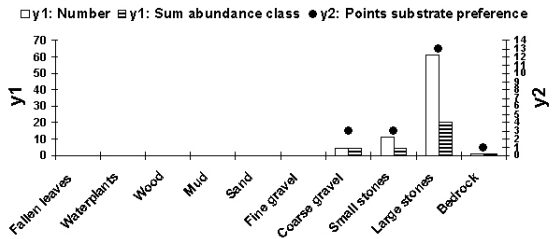
Ephemeroptera: Acentrella sp.



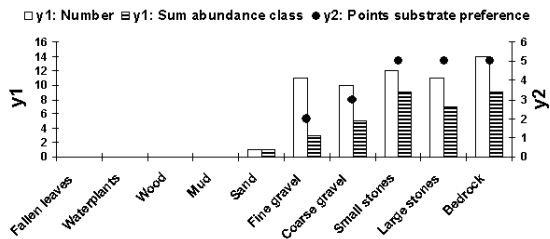
Ephemeroptera: Choroterpes sp.



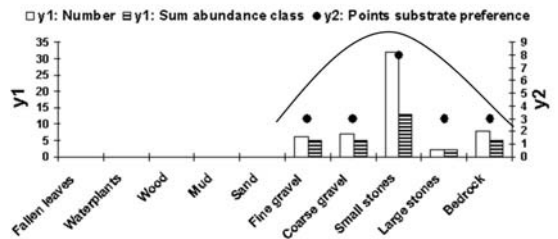
Ephemeroptera: Cincticostella sp.



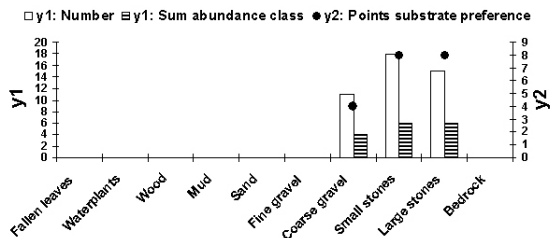
Ephemeroptera: Cinygmina sp.



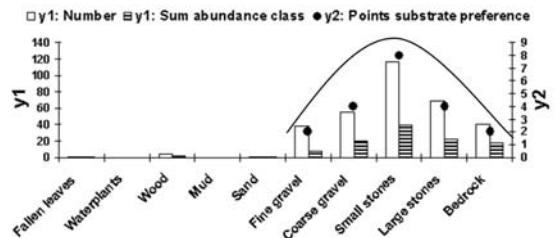
Ephemeroptera: Crinitella sp.



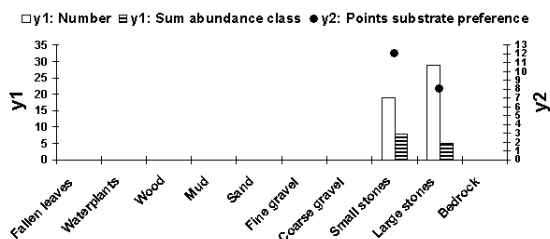
Ephemeroptera: Drunella sp.



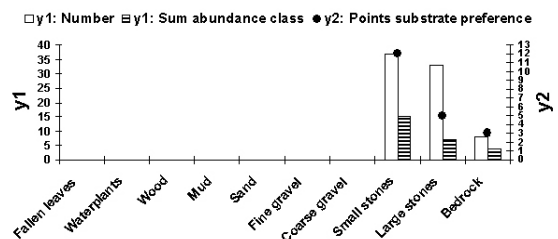
Ephemeroptera: Heptageniidae Gen. sp.



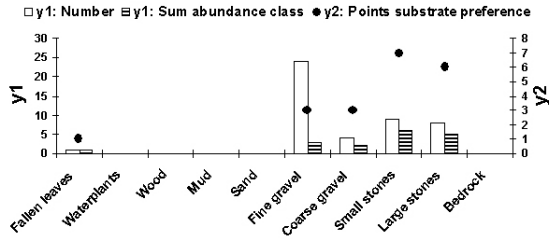
Ephemeroptera: Epeorus "bispinosa"



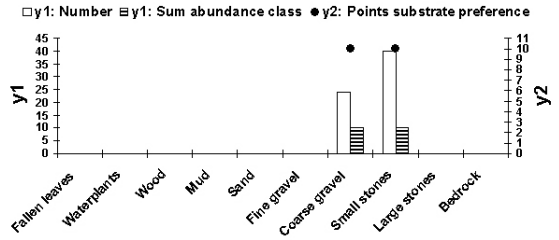
Ephemeroptera: Epeorus sp.



Ephemeroptera: *Notacanthurus* sp.

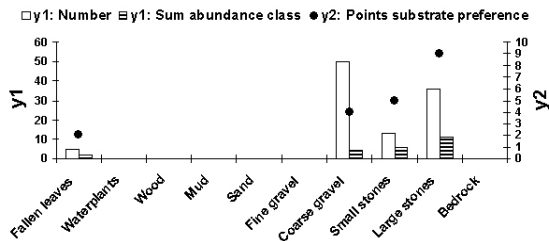


Ephemeroptera: *Rhithrogena* sp.



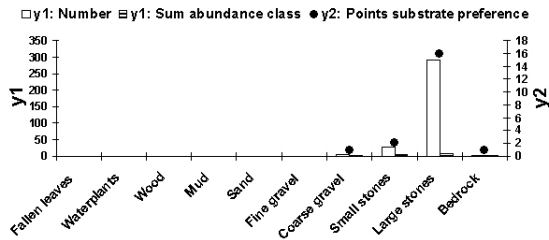
Plecoptera

Plecoptera: *Nemouridae* Gen. sp.

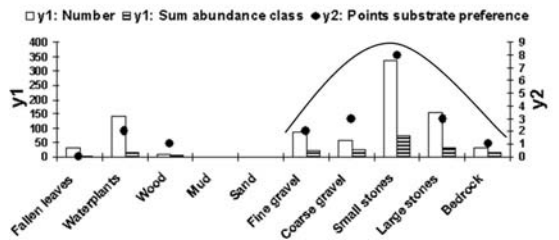


Trichoptera

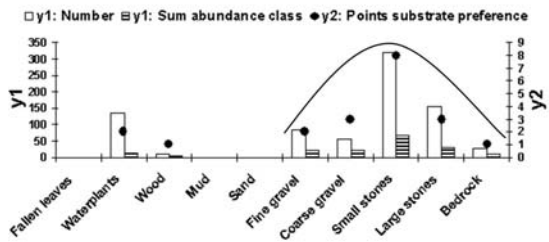
Trichoptera: *Brachycentridae* Gen. sp.



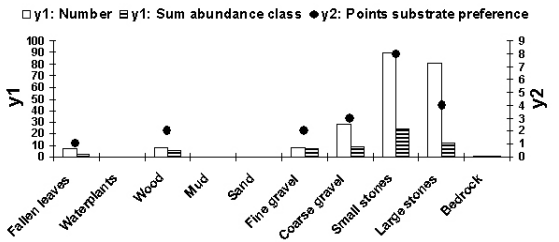
Trichoptera: *Hydropsychidae* Gen. sp.



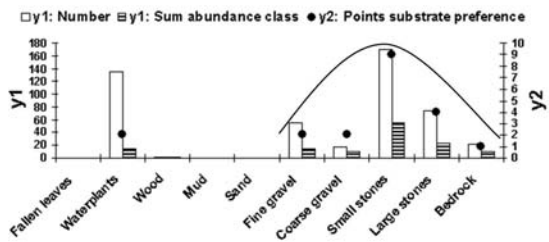
Trichoptera: *Hydropsychinae* Gen. sp.



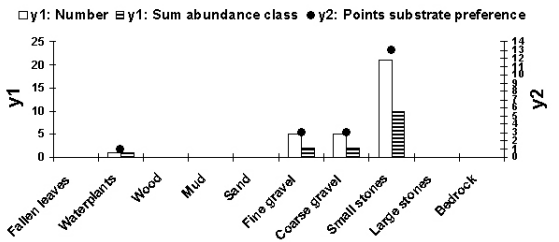
Trichoptera: *Cheumatopsyche* sp.



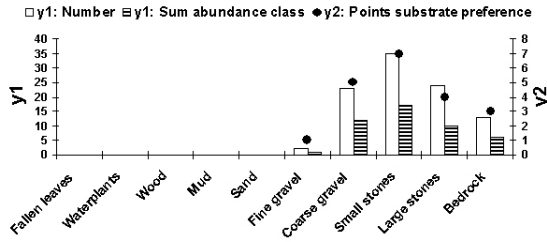
Trichoptera: *Hydropsyche* sp.



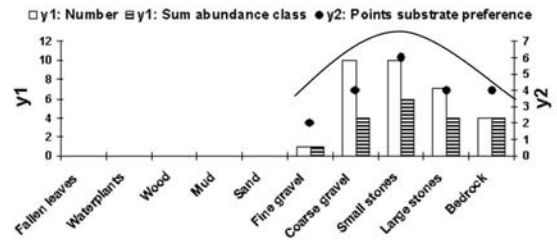
Trichoptera: *Hydropsyche* "white stripe"



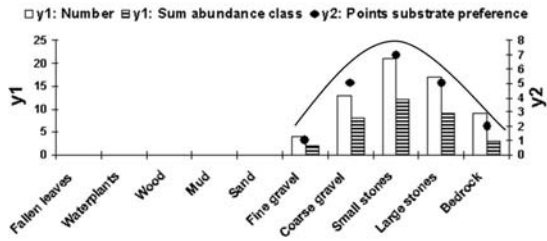
Trichoptera: Glossosomatidae Gen. sp.



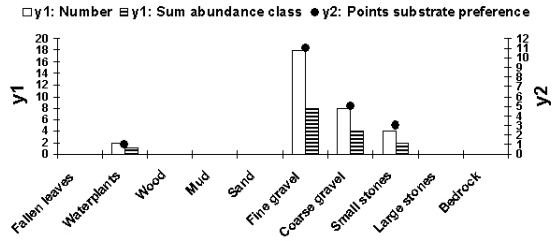
Trichoptera: Agapetinae Gen. sp.



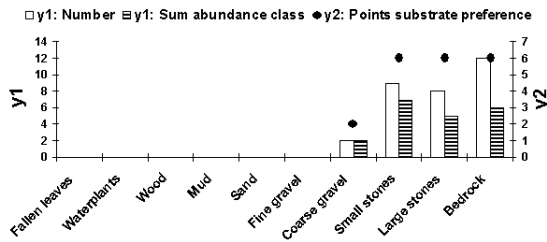
Trichoptera: Glossosomatinae Gen. sp.



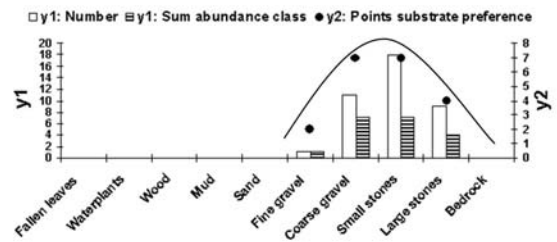
Trichoptera: Goera sp.



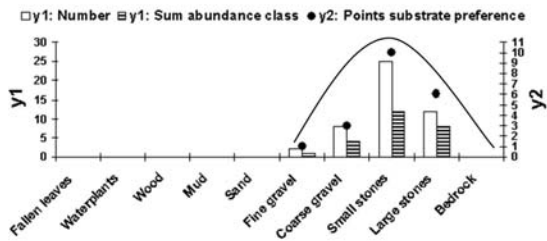
Trichoptera: Rhyacophila sp.



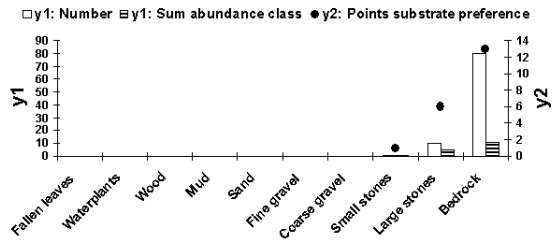
Trichoptera: Setodes sp.



Trichoptera: Stenopsyche sp.

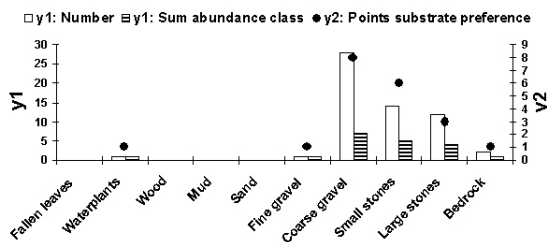


Trichoptera: Uenoa sp.

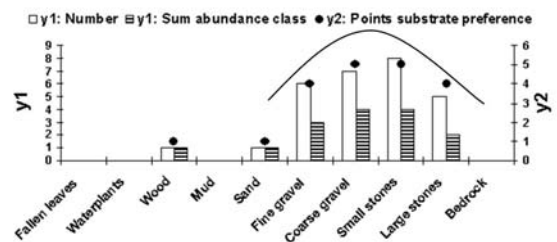


Coleoptera

Coleoptera: Scirtidae Gen. sp.

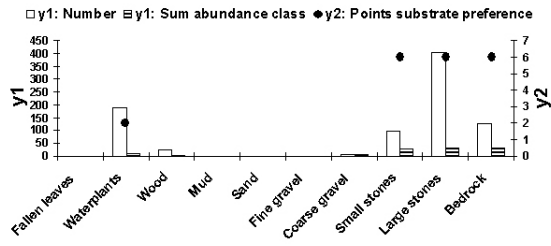


Coleoptera: Eubrianacinae Gen. sp.

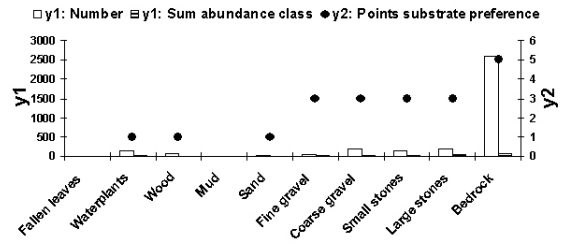


Diptera

Diptera: Simuliidae Gen. sp.

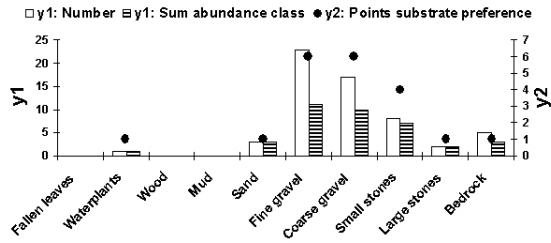


Diptera: Orthocladinae_Diamesinae Gen. sp.



Odonata

Odonata: Gomphidae Gen. sp.





Development of an Assessment System to Evaluate
the Ecological Status of Rivers in the Hindu Kush-Himalayan Region

Funded by the European Commission, 6th Framework Programme contributing to
priority "Specific measures in support of international co-operation (INCO)",
A.2.1. Managing humid and semi-humid ecosystems".

Contract number: INCO-CT-2005-003659

Working Identification Key

Ephemereididae (Ephemeroptera)

Thomas Korte



<i>Seratella</i> sp.	<i>Torleya</i> sp.	<i>Ephemerella</i> sp.	<i>Drunella</i> sp.	<i>Ephacereilla</i> sp.	<i>Crinitella</i> sp.	<i>Cincticostella</i> sp.	<i>Uracanthella</i> sp.
Thorax and abdomen with tubercles, abdominal terga may extend laterally	Body without tubercles, body short, exception: <i>Torleya nepalica</i> with paired abdominal tubercles			Mesothorax with conspicuous paired pointed anterolateral projections	Body always without tubercles, body and appendages with long hairs; Abdominal terga expanded laterally on segments 3-9	Prothorax produced anteriorly into rounded or bluntly pointed anterolateral projections	
Head with occipital tubercles	Head without occipital tubercles, exception <i>Torleya nepalica</i> with paired occipital tubercles		Head (body) with prominent spines or tubercles		Head with long hairs anterior		
Maxillary palps absent or reduced, apex of maxillae with teeth	Apex of maxillae with teeth, maxillary palpi present; exception: maxillary palps	Maxillary palps present, apex of maxillae with teeth	Apex of maxillae with teeth	Apex of maxillae with teeth	Apex of maxillae with teeth, Labium reduced, palpi small (unsegmented);	Maxillary palps present, Apex of maxillae without teeth, with brush-like hairs at apex	Maxillary palps absent, Apex of maxillae without teeth (brush-like)



	absent in <i>Torleya nepalica</i>				uniquely asymmetrical <u>mandibles</u> with reduced molar section and large anterior articulating condyle on the left one		
Legs short, femora more than twice as broad as tibia			Anterior margin of fore femora mostly with pointed teeth				
Hind legs shorter than abdomen	Hind legs longer than abdomen	Hind legs shorter than abdomen			Tarsal claws with group of long denticles, hind legs may be longer than abdomen	Femora of middle and hind legs mostly expanded, much broader than those of forelegs, hind legs may be longer than abdomen	
Cerci with short and strong spines, hair-like bristles scarce or missing	<i>T. nepalica</i> with long hair-like spines on terminal filaments (<i>T. nepalica</i>)	Cerci mostly with hair-like bristles in middle section		Cerci longer than body, segments with a whorl of long bristles			
Gills on abd. segment 3 mostly extending to abdominal	Gills on abd. segment 3 semioperculate; gills 4 and 5 not visible in dorsal	Gills on abd. segment 3 as long as at most two abd segments, not					



segment 7, sometimes covering following gills	view	covering following gills					
Body covered with sparse and short bristles	Body covered with long bristles	Body covered with sparse and short bristles					
Abdomen longer than head and body	Abdomen shorter than head and body	Abdomen longer than head and body					

Identification key: Ephemerellidae

Crinitella claw with
basal and apical long
denticles



Crinitella, head
with long hairs



Crinitella



Seratella, relation
femure to tibia



Seratella



Seratella, maxillae
without palpus



Seratella, cerci
with short spines

Cincticostella, prothorax produced anterior, typical shape of pro- and mesothorax



Drunella, head with prominent spine anterior



Drunella, fore femora with pointed teeth



Cincticostella, brush-like apex of maxillae

Maxillar palpus



Taxalist substrate specific sampling. BIV = Bivalvia, COL = Coleoptera, DIP = Diptera, EPH = Ephemeroptera, GAS = Gastropoda, MEG = Megaloptera, ODO = Odonata, PLE = Plecoptera, TRI = Trichoptera.

Taxa group	Taxon	I02BH023AK11	I02BH033MA11	I02BH043MG11	I02BH053MG41	I02BH063ME11	I02BH073ME11	I02BH083MG21	I02BH131MG11
EPH	Ephemeroptera	50	5	2	0	10	21	1	7
EPH	Baetidae	19	5	2	0	3	6	1	3
EPH	<i>Acentrella sp.</i>	3	0	0	0	1	1	0	0
EPH	<i>Baetiella sp.</i>	0	0	0	0	0	0	0	2
EPH	<i>Baetis sp.</i>	16	5	2	0	2	5	1	1
EPH	Baetinae	19	5	2	0	3	6	1	3
EPH	Cloeoninae	0	0	0	0	0	0	0	0
EPH	<i>Procloeon sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Cloeon sp.</i>	0	0	0	0	0	0	0	0
EPH	Caenidae	0	0	0	0	0	0	0	0
EPH	<i>Caenis sp.</i>	0	0	0	0	0	0	0	0
EPH	Ephemerellidae	1	0	0	0	0	0	0	0
EPH	<i>Cincticostella sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Crinitella sp.</i>	1	0	0	0	0	0	0	0
EPH	<i>Drunella sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Serratella sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Teloganodes sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Urancanthella sp.</i>	0	0	0	0	0	0	0	0
EPH	Ephemeridae	0	0	0	0	0	0	0	0
EPH	<i>Ephemera sp.</i>	0	0	0	0	0	0	0	0
EPH	Heptageniidae	25	0	0	0	7	5	0	4
EPH	<i>Afronurus sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Cinygmina sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Ecdyonurus sp. s.l.</i>	0	0	0	0	0	0	0	0
EPH	<i>Ecdyonurus sp.</i>	1	0	0	0	0	0	0	0
EPH	<i>Electrogena sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Epeorus "bispinosa"</i>	0	0	0	0	7	0	0	0
EPH	<i>Epeorus sp.</i>	0	0	0	0	7	6	0	0
EPH	<i>Iron psi</i>	0	0	0	0	0	0	0	4
EPH	<i>Iron sp._1</i>	0	0	0	0	0	0	0	0
EPH	<i>Iron sp.</i>	0	0	0	0	0	0	0	4
EPH	<i>Notacanthurus sp.</i>	24	0	0	0	0	2	0	0
EPH	<i>Rhithrogena sp.</i>	0	0	0	0	0	0	0	0
EPH	Leptophlebiidae	5	0	0	0	0	0	0	0

Taxalist substrate specific sampling. BIV = Bivalvia, COL = Coleoptera, DIP = Diptera, EPH = Ephemeroptera, GAS = Gastropoda, MEG = Megaloptera, ODO = Odonata, PLE = Plecoptera, TRI = Trichoptera.

Taxa group	Taxon	I02BH023AK11	I02BH033MA11	I02BH043MG11	I02BH053MG41	I02BH063ME11	I02BH073ME11	I02BH083MG21	I02BH131MG11
EPH	<i>Choroterpes sp.</i>	5	0	0	0	0	0	0	0
EPH	<i>Euthraulius sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Choroterpides sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Habrophlebiodes sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Leptophlebia sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Paraleptophlebia sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Thraulius sp.</i>	0	0	0	0	0	0	0	0
ODO	Odonata	6	1	0	0	0	1	0	0
ODO	Epiophlebiidae	0	0	0	0	0	0	0	0
ODO	Cordulegasteridae	0	0	0	0	0	1	0	0
ODO	Euphaeidae	4	1	0	0	0	0	0	0
ODO	Gomphidae	2	0	0	0	0	0	0	0
ODO	Libellulidae	0	0	0	0	0	0	0	0
ODO	Platystictidae	0	0	0	0	0	0	0	0
ODO	Protoneuridae	0	0	0	0	0	0	0	0
PLE	Plecoptera spec	2	6	0	0	0	12	0	0
PLE	Chloroperiidae	0	0	0	0	0	0	0	0
PLE	Leuctridae	0	0	0	0	0	0	0	0
PLE	Nemouridae	0	0	0	0	0	0	0	0
PLE	<i>Amphinemoura sp.</i>	0	0	0	0	0	0	0	0
PLE	<i>Indonemoura sp.</i>	0	0	0	0	0	0	0	0
PLE	<i>Nemoura sp.</i>	0	0	0	0	0	0	0	0
PLE	<i>Sphaeronemoura sp.</i>	0	0	0	0	0	0	0	0
PLE	Perlidae	1	3	0	0	0	4	0	0
PLE	Perlinae	1	3	0	0	0	4	0	0
PLE	<i>Togoperla sp.</i>	0	1	0	0	0	2	0	0
PLE	<i>Neoperla sp.</i>	1	2	0	0	0	0	0	0
MEG	Megaloptera	0	0	0	0	0	1	0	0
MEG	Corydalidae	0	0	0	0	0	1	0	0
COL	Coleoptera	1	1	0	0	0	0	0	0
COL	Dytiscidae	0	0	0	0	0	0	0	0
COL	Elmidae	0	0	0	0	0	0	0	0
COL	Eulichadidae	0	0	0	0	0	0	0	0
COL	Gyrinidae	0	1	0	0	0	0	0	0

Taxa group	Taxon	I02BH141MG21	I02BH093MG31	I02BH151MG31	I02BH161MG32	I02BH171AK11	I02BH181MI11	I02BH191CP11	I02BH201ME11
EPH	Ephemeroptera	7	2	2	16	10	10	6	6
EPH	Baetidae	2	2	0	3	0	2	1	4
EPH	<i>Acentrella sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Baetiella sp.</i>	0	0	0	0	0	1	0	0
EPH	<i>Baetis sp.</i>	2	2	0	1	0	0	0	4
EPH	Baetinae	0	2	0	0	0	0	0	0
EPH	Cloeoninae	0	0	0	0	0	0	0	0
EPH	<i>Procloeon sp.</i>	0	0	0	1	0	0	0	0
EPH	<i>Cloeon sp.</i>	0	0	0	0	0	0	0	0
EPH	Caenidae	0	0	0	2	0	1	1	0
EPH	<i>Caenis sp.</i>	0	0	0	2	0	1	1	0
EPH	Ephemerellidae	4	0	2	7	0	0	2	0
EPH	<i>Cincticostella sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Crinitella sp.</i>	1	0	1	1	0	0	0	0
EPH	<i>Drunella sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Serratella sp.</i>	3	0	1	6	0	0	2	0
EPH	<i>Teloganodes sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Urancanthella sp.</i>	0	0	0	0	0	0	0	0
EPH	Ephemeridae	0	0	0	0	1	1	0	0
EPH	<i>Ephemera sp.</i>	0	0	0	0	1	1	0	0
EPH	Heptageniidae	1	0	0	1	2	4	1	1
EPH	<i>Afronurus sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Cinygmina sp.</i>	1	0	0	1	0	0	0	1
EPH	<i>Ecdyonurus sp. s.l.</i>	0	0	0	0	2	0	0	0
EPH	<i>Ecdyonurus sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Electrogena sp.</i>	0	0	0	0	0	4	0	0
EPH	<i>Epeorus "bispinosa"</i>	0	0	0	0	0	0	0	0
EPH	<i>Epeorus sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Iron psi</i>	0	0	0	0	0	0	0	0
EPH	<i>Iron sp._1</i>	0	0	0	0	0	0	0	0
EPH	<i>Iron sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Notacanthurus sp.</i>	0	0	0	0	0	0	1	0
EPH	<i>Rhithrogena sp.</i>	0	0	0	0	0	0	0	0
EPH	Leptophlebiidae	0	0	0	1	2	0	1	0

Taxa group	Taxon	I02BH141MG21	I02BH093MG31	I02BH151MG31	I02BH161MG32	I02BH171AK11	I02BH181MI11	I02BH191CP11	I02BH201ME11
TRI	Hydroptilidae	0	0	0	0	0	0	0	0
TRI	Stactobiini	0	0	0	0	0	0	0	0
TRI	<i>Ugandatrichia sp.</i>	0	0	0	0	0	0	0	0
TRI	Lepidostomatidae	0	0	0	0	2	0	15	5
TRI	Leptoceridae	0	0	0	0	0	0	1	1
TRI	<i>Oecitis sp.</i>	0	0	0	0	0	0	0	0
TRI	<i>Setodes sp.</i>	0	0	0	0	0	0	0	0
TRI	<i>Limnocentropus sp.</i>	0	0	0	0	0	0	0	0
TRI	Limnophilidae	0	0	0	0	0	0	0	0
TRI	Limnocentropodidae	0	0	0	0	0	0	0	0
TRI	Odontoceridae	0	0	0	0	0	0	0	0
TRI	<i>Marillia sp.</i>	0	0	0	0	0	0	0	0
TRI	Philopotamidae	0	0	0	0	0	0	1	0
TRI	<i>Chimarra sp.</i>	0	0	0	0	0	0	1	0
TRI	<i>Dolophilodes sp.</i>	0	0	0	0	0	0	0	0
TRI	Polycentropodidae	0	0	0	0	0	0	0	0
TRI	Polycentropodinae	0	0	0	0	0	0	0	0
TRI	<i>Pseudoneureclipsis sp.</i>	0	0	0	0	0	0	0	0
TRI	Psychomyiidae	0	0	0	0	0	0	0	0
TRI	<i>Paduniella sp.</i>	0	0	0	0	0	0	0	0
TRI	<i>Psychomyia sp.</i>	0	0	0	0	0	0	0	0
TRI	Rhyacophilidae	0	0	0	0	0	0	0	1
TRI	<i>Himalopsyche TypA</i>	0	0	0	0	0	0	0	0
TRI	<i>Himalopsyche TypB</i>	0	0	0	0	0	0	0	0
TRI	<i>Himalopsyche sp.</i>	0	0	0	0	0	0	0	0
TRI	<i>Rhyacophila sp.</i>	0	0	0	0	0	0	0	2
TRI	Stenopsychidae	0	0	0	0	0	0	0	0
TRI	<i>Stenopsyche sp.</i>	0	0	0	0	0	0	0	0
TRI	Uenoidae	0	0	0	1	0	0	0	0
TRI	<i>Uenoa sp.</i>	0	0	0	1	0	0	0	0
LEP	Pyralidae	0	0	0	0	0	0	0	0
DIP	Diptera	2	0	2	2	61	25	58	3
DIP	Athericidae	0	0	0	0	0	0	0	0
DIP	Blephacerae	1	0	0	0	0	0	0	0

Taxa group	Taxon	I02GO063MG31	I02GO071ME11	I02GO073MG41	I02GO081AK11	I02GO083MG51	I02GO093MG61	I02GO103MG71	I02KA033MI11
EPH	Ephemeroptera	3	0	8	20	8	6	3	56
EPH	Baetidae	2	0	8	10	8	6	3	33
EPH	<i>Acentrella sp.</i>	0	0	4	0	8	3	0	1
EPH	<i>Baetiella sp.</i>	0	0	2	0	0	0	0	0
EPH	<i>Baetis sp.</i>	2	0	2	10	0	3	3	32
EPH	Baetinae	2	0	8	10	8	6	3	33
EPH	Cloeoninae	0	0	0	0	0	0	0	0
EPH	<i>Procloeon sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Cloeon sp.</i>	0	0	0	0	0	0	0	0
EPH	Caenidae	0	0	0	3	0	0	0	2
EPH	<i>Caenis sp.</i>	0	0	0	3	0	0	0	2
EPH	Ephemerellidae	0	0	0	4	0	0	0	0
EPH	<i>Cincticostella sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Crinitella sp.</i>	0	0	0	1	0	0	0	0
EPH	<i>Drunella sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Serratella sp.</i>	0	0	0	3	0	0	0	0
EPH	<i>Teloganodes sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Urancanthella sp.</i>	0	0	0	0	0	0	0	0
EPH	Ephemeridae	0	0	0	0	0	0	0	0
EPH	<i>Ephemera sp.</i>	0	0	0	0	0	0	0	0
EPH	Heptageniidae	1	0	0	0	0	0	0	8
EPH	<i>Afronurus sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Cinygmina sp.</i>	1	0	0	0	0	0	0	0
EPH	<i>Ecdyonurus sp. s.l.</i>	0	0	0	0	0	0	0	0
EPH	<i>Ecdyonurus sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Electrogena sp.</i>	0	0	0	0	0	0	0	8
EPH	<i>Epeorus "bispinosa"</i>	0	0	0	0	0	0	0	0
EPH	<i>Epeorus sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Iron psi</i>	0	0	0	0	0	0	0	0
EPH	<i>Iron sp._1</i>	0	0	0	0	0	0	0	0
EPH	<i>Iron sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Notacanthurus sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Rhithrogena sp.</i>	0	0	0	0	0	0	0	0
EPH	Leptophlebiidae	0	0	0	3	0	0	0	12

Taxa group	Taxon	I02KA061MI11	I02KO053ME11	I02KO073ME21	I02KO103MG21	I02KO113MG31	I02KO141MA12	I02KO171MG12	I02KO191MI11
EPH	Ephemeroptera	16	0	16	5	3	18	13	41
EPH	Baetidae	2	0	10	5	3	0	0	10
EPH	<i>Acentrella sp.</i>	0	0	0	5	3	0	0	0
EPH	<i>Baetiella sp.</i>	0	0	1	0	0	0	0	0
EPH	<i>Baetis sp.</i>	2	0	9	0	0	0	0	10
EPH	Baetinae	2	0	10	5	3	0	0	10
EPH	Cloeoninae	0	0	0	0	0	0	0	0
EPH	<i>Procloeon sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Cloeon sp.</i>	0	0	0	0	0	0	0	0
EPH	Caenidae	6	0	1	0	0	0	1	0
EPH	<i>Caenis sp.</i>	6	0	1	0	0	0	1	0
EPH	Ephemerellidae	3	0	1	0	0	1	1	4
EPH	<i>Cincticostella sp.</i>	0	0	0	0	0	0	0	1
EPH	<i>Crinitella sp.</i>	0	0	1	0	0	1	0	3
EPH	<i>Drunella sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Serratella sp.</i>	2	0	0	0	0	0	0	0
EPH	<i>Teloganodes sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Urancanthella sp.</i>	0	0	0	0	0	0	0	0
EPH	Ephemeridae	0	0	0	0	0	0	0	1
EPH	<i>Ephemera sp.</i>	0	0	0	0	0	0	0	1
EPH	Heptageniidae	0	0	3	0	0	2	2	9
EPH	<i>Afronurus sp.</i>	0	0	0	0	0	0	0	2
EPH	<i>Cinygmina sp.</i>	0	0	3	0	0	2	2	4
EPH	<i>Ecdyonurus sp. s.l.</i>	0	0	0	0	0	0	0	3
EPH	<i>Ecdyonurus sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Electrogena sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Epeorus "bispinosa"</i>	0	0	0	0	0	0	0	0
EPH	<i>Epeorus sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Iron psi</i>	0	0	0	0	0	0	0	0
EPH	<i>Iron sp._1</i>	0	0	0	0	0	0	0	0
EPH	<i>Iron sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Notacanthurus sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Rhithrogena sp.</i>	0	0	0	0	0	0	0	0
EPH	Leptophlebiidae	5	0	1	0	0	4	9	17

Taxa group	Taxon	I02RA033ME21	I02RA043MG11	I02RA053MG21	I02RA063MI11	I02RA081MI11	I02RA091AK11
EPH	Ephemeroptera	0	29	6	8	11	7
EPH	Baetidae	0	29	6	8	4	5
EPH	<i>Acentrella sp.</i>	0	28	0	4	0	0
EPH	<i>Baetiella sp.</i>	0	1	5	0	0	0
EPH	<i>Baetis sp.</i>	0	0	1	4	4	5
EPH	Baetinae	0	29	6	8	4	5
EPH	Cloeoninae	0	0	0	0	0	0
EPH	<i>Procloeon sp.</i>	0	0	0	0	0	0
EPH	<i>Cloeon sp.</i>	0	0	0	0	0	0
EPH	Caenidae	0	0	0	0	0	0
EPH	<i>Caenis sp.</i>	0	0	0	0	0	0
EPH	Ephemerellidae	0	0	0	0	1	2
EPH	<i>Cincticostella sp.</i>	0	0	0	0	0	0
EPH	<i>Crinitella sp.</i>	0	0	0	0	0	0
EPH	<i>Drunella sp.</i>	0	0	0	0	0	0
EPH	<i>Serratella sp.</i>	0	0	0	0	1	2
EPH	<i>Teloganodes sp.</i>	0	0	0	0	0	0
EPH	<i>Urancanthella sp.</i>	0	0	0	0	0	0
EPH	Ephemeridae	0	0	0	0	0	0
EPH	<i>Ephemera sp.</i>	0	0	0	0	0	0
EPH	Heptageniidae	4	0	0	0	8	0
EPH	<i>Afronurus sp.</i>	0	0	0	0	0	0
EPH	<i>Cinygmina sp.</i>	0	0	0	0	0	0
EPH	<i>Ecdyonurus sp. s.l.</i>	0	0	0	0	0	0
EPH	<i>Ecdyonurus sp.</i>	0	0	0	0	0	0
EPH	<i>Electrogena sp.</i>	0	0	0	0	0	0
EPH	<i>Epeorus "bispinosa"</i>	0	0	0	0	0	0
EPH	<i>Epeorus sp.</i>	0	0	0	0	0	0
EPH	<i>Iron psi</i>	0	0	0	0	0	0
EPH	<i>Iron sp._1</i>	0	0	0	0	0	0
EPH	<i>Iron sp.</i>	0	0	0	0	0	0
EPH	<i>Notacanthurus sp.</i>	0	0	0	0	4	0
EPH	<i>Rhithrogena sp.</i>	4	0	0	0	4	0
EPH	Leptophlebiidae	0	0	0	0	0	0

Taxa group	Taxon	I02RA033ME21	I02RA043MG11	I02RA053MG21	I02RA063MI11	I02RA081MI11	I02RA091AK11
EPH	<i>Choroterpes sp.</i>	0	0	0	0	0	0
EPH	<i>Euthraulius sp.</i>	0	0	0	0	0	0
EPH	<i>Choroterpides sp.</i>	0	0	0	0	0	0
EPH	<i>Habrophlebiodes sp.</i>	0	0	0	0	0	0
EPH	<i>Leptophlebia sp.</i>	0	0	0	0	0	0
EPH	<i>Paraleptophlebia sp.</i>	0	0	0	0	0	0
EPH	<i>Thraulius sp.</i>	0	0	0	0	0	0
ODO	Odonata	0	0	0	0	1	11
ODO	Epiophlebiidae	0	0	0	0	0	0
ODO	Cordulegasteridae	0	0	0	0	0	0
ODO	Euphaeidae	0	0	0	0	0	0
ODO	Gomphidae	0	0	0	0	1	11
ODO	Libellulidae	0	0	0	0	0	0
ODO	Platystictidae	0	0	0	0	0	0
ODO	Protoneuridae	0	0	0	0	0	0
PLE	Plecoptera spec	0	0	0	0	0	0
PLE	Chloroperiidae	0	0	0	0	0	0
PLE	Leuctridae	0	0	0	0	0	0
PLE	Nemouridae	0	0	0	0	0	0
PLE	<i>Amphinemoura sp.</i>	0	0	0	0	0	0
PLE	<i>Indonemoura sp.</i>	0	0	0	0	0	0
PLE	<i>Nemoura sp.</i>	0	0	0	0	0	0
PLE	<i>Sphaeronemoura sp.</i>	0	0	0	0	0	0
PLE	Perlidae	0	0	0	0	0	0
PLE	Perlinae	0	0	0	0	0	0
PLE	<i>Togoperla sp.</i>	0	0	0	0	0	0
PLE	<i>Neoperla sp.</i>	0	0	0	0	0	0
MEG	Megaloptera	0	0	0	0	0	0
MEG	Corydalidae	0	0	0	0	0	0
COL	Coleoptera	0	0	0	0	0	2
COL	Dytiscidae	0	0	0	0	0	0
COL	Elmidae	0	0	0	0	0	1
COL	Eulichadidae	0	0	0	0	0	0
COL	Gyrinidae	0	0	0	0	0	0

Taxa group	Taxon	I02RA033ME21	I02RA043MG11	I02RA053MG21	I02RA063MI11	I02RA081MI11	I02RA091AK11
COL	Haliplidae	0	0	0	0	0	0
COL	Hydrophilidae	0	0	0	0	0	0
COL	Lampyridae	0	0	0	0	0	0
COL	Noteridae	0	0	0	0	0	0
COL	Psephenidae	0	0	0	0	0	1
COL	Eubrianacinae	0	0	0	0	0	0
COL	Psephenoidinae	0	0	0	0	0	1
COL	Scirtidae	0	0	0	0	0	0
TRI	Trichoptera	0	0	0	2	6	0
TRI	Brachycentridae	0	0	0	0	0	0
TRI	<i>Brachycentrus sp.</i>	0	0	0	0	0	0
TRI	<i>Micrasema sp.</i>	0	0	0	0	0	0
TRI	Calamoceratidae	0	0	0	0	0	0
TRI	<i>Anisocentropus sp.</i>	0	0	0	0	0	0
TRI	Ecnomidae	0	0	0	0	0	0
TRI	<i>Ecnomus sp.</i>	0	0	0	0	0	0
TRI	Glossosomatidae	0	0	0	0	0	0
TRI	Agapetinae	0	0	0	0	0	0
TRI	Glossosomatinae	0	0	0	0	0	0
TRI	Goeridae	0	0	0	0	0	0
TRI	<i>Goera sp.</i>	0	0	0	0	0	0
TRI	Helicopsychidae	0	0	0	0	0	0
TRI	Hydropsychidae	0	0	0	1	6	0
TRI	Hydropsychinae	0	0	0	1	6	0
TRI	<i>Cheumatopsyche sp.</i>	0	0	0	0	0	0
TRI	<i>Hydropsych calda_group</i>	0	0	0	0	0	0
TRI	<i>Hydropsyche white_stripe</i>	0	0	0	0	5	0
TRI	<i>Hydropsyche sp.</i>	0	0	0	0	1	0
TRI	<i>Potamyia sp.</i>	0	0	0	1	0	0
TRI	<i>Arctopsyche sp.</i>	0	0	0	0	0	0
TRI	<i>Diplectrona sp.</i>	0	0	0	0	0	0
TRI	<i>Diplectroninae</i>	0	0	0	0	0	0
TRI	<i>Macronematinae</i>	0	0	0	0	0	0
TRI	<i>Macrostenum sp.</i>	0	0	0	0	0	0

Taxa group	Taxon	I02RA033ME21	I02RA043MG11	I02RA053MG21	I02RA063MI11	I02RA081MI11	I02RA091AK11
TRI	Hydroptilidae	0	0	0	0	0	0
TRI	Stactobiini	0	0	0	0	0	0
TRI	<i>Ugandatrichia sp.</i>	0	0	0	0	0	0
TRI	Lepidostomatidae	0	0	0	0	0	0
TRI	Leptoceridae	0	0	0	0	0	0
TRI	<i>Oecitis sp.</i>	0	0	0	0	0	0
TRI	<i>Setodes sp.</i>	0	0	0	0	0	0
TRI	<i>Limnocentropus sp.</i>	0	0	0	0	0	0
TRI	Limnophilidae	0	0	0	0	0	0
TRI	Limnocentropodidae	0	0	0	0	0	0
TRI	Odontoceridae	0	0	0	0	0	0
TRI	<i>Marillia sp.</i>	0	0	0	0	0	0
TRI	Philopotamidae	0	0	0	1	0	0
TRI	<i>Chimarra sp.</i>	0	0	0	1	0	0
TRI	<i>Dolophilodes sp.</i>	0	0	0	0	0	0
TRI	Polycentropodidae	0	0	0	0	0	0
TRI	Polycentropodinae	0	0	0	0	0	0
TRI	<i>Pseudoneureclipsis sp.</i>	0	0	0	0	0	0
TRI	Psychomyiidae	0	0	0	0	0	0
TRI	<i>Paduniella sp.</i>	0	0	0	0	0	0
TRI	<i>Psychomyia sp.</i>	0	0	0	0	0	0
TRI	Rhyacophilidae	0	0	0	0	0	0
TRI	<i>Himalopsyche TypA</i>	0	0	0	0	0	0
TRI	<i>Himalopsyche TypB</i>	0	0	0	0	0	0
TRI	<i>Himalopsyche sp.</i>	0	0	0	0	0	0
TRI	<i>Rhyacophila sp.</i>	0	0	0	0	0	0
TRI	Stenopsychidae	0	0	0	0	0	0
TRI	<i>Stenopsyche sp.</i>	0	0	0	0	0	0
TRI	Uenoidae	0	0	0	0	0	0
TRI	<i>Uenoa sp.</i>	0	0	0	0	0	0
LEP	Pyralidae	0	0	0	0	0	0
DIP	Diptera	23	7	2	3	49	292
DIP	Athericidae	0	0	0	0	0	0
DIP	Blephacerae	0	0	0	0	0	0

Taxa group	Taxon	I02RA033ME21	I02RA043MG11	I02RA053MG21	I02RA063MI11	I02RA081MI11	I02RA091AK11
DIP	Ceratopogonidae	0	0	0	0	0	2
DIP	Ceratopogoninae	0	0	0	0	0	2
DIP	Forcipomyiinae	0	0	0	0	0	0
DIP	Chironomidae	2	1	2	3	10	287
DIP	Chironiminae	1	1	0	3	5	277
DIP	other Chironomini	1	1	0	3	4	193
DIP	<i>Chironomus sp.</i>	0	0	0	0	0	0
DIP	Tanytarsini	0	0	0	0	1	84
DIP	Orthoclaadiinae_Diamesinae	1	0	1	0	2	2
DIP	Culicidae	0	0	0	0	0	0
DIP	Deuterophlebiidae	0	0	0	0	0	0
DIP	Tanypodinae	0	0	1	0	1	8
DIP	Dolichopodidae	0	0	0	0	0	2
DIP	Empididae	0	0	0	0	1	0
DIP	Limoniidae	0	0	0	0	35	1
DIP	Limoniinae	0	0	0	0	0	0
DIP	<i>Antocha sp.</i>	0	0	0	0	33	1
DIP	<i>Hexatoma sp.</i>	0	0	0	0	2	0
DIP	Psychodidae	0	0	0	0	0	0
DIP	Simuliidae	20	6	0	0	2	0
DIP	Tabanidae	1	0	0	0	1	0
DIP	Tipulinae	0	0	0	0	0	0

Taxa group	Taxon	I02SA123AK31	I02SA123MI41	I02SU023AK11	I02SU033MA11	I02SU043ME11	I02SU053MG11	I02SU073MA21	I02SU083MA31
EPH	Leptophlebiidae	0	0	0	0	0	0	0	0
EPH	<i>Euthraulius sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Choroerterpides sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Habrophlebiodes sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Leptophlebia sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Paraleptophlebia sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Thraulius sp.</i>	0	0	0	0	0	0	0	0
ODO	Odonata	0	0	0	0	0	0	0	0
ODO	Epiophlebiidae	0	0	0	0	0	0	0	0
ODO	Cordulegasteridae	0	0	0	0	0	0	0	0
ODO	Euphaeidae	0	0	0	0	0	0	0	0
ODO	Gomphidae	0	0	0	0	0	0	0	0
ODO	Libellulidae	0	0	0	0	0	0	0	0
ODO	Platystictidae	0	0	0	0	0	0	0	0
ODO	Protoneuridae	0	0	0	0	0	0	0	0
PLE	Plecoptera spec	0	0	0	14	10	2	0	14
PLE	Chloroperlidae	0	0	0	0	0	0	0	0
PLE	Leuctridae	0	0	0	0	0	0	0	0
PLE	Nemouridae	0	0	0	10	7	0	0	9
PLE	<i>Amphinemoura sp.</i>	0	0	0	0	0	0	0	0
PLE	<i>Indonemoura sp.</i>	0	0	0	2	0	0	0	0
PLE	<i>Nemoura sp.</i>	0	0	0	2	2	0	0	6
PLE	<i>Sphaeronemoura sp.</i>	0	0	0	0	1	0	0	0
PLE	Perlidae	0	0	0	0	0	0	0	1
PLE	Perlinae	0	0	0	0	0	0	0	1
PLE	<i>Togoperla sp.</i>	0	0	0	0	0	0	0	0
PLE	<i>Neoperla sp.</i>	0	0	0	0	0	0	0	0
MEG	Megaloptera	0	0	0	0	0	0	1	0
MEG	Corydalidae	0	0	0	0	0	0	1	0
COL	Coleoptera	0	0	1	0	1	0	0	0
COL	Dytiscidae	0	0	0	0	0	0	0	0
COL	Elmidae	0	0	1	0	0	0	0	0
COL	Eulichadidae	0	0	0	0	0	0	0	0
COL	Gyrinidae	0	0	0	0	1	0	0	0

Taxa group	Taxon	I02SA123AK31	I02SA123MI41	I02SU023AK11	I02SU033MA11	I02SU043ME11	I02SU053MG11	I02SU073MA21	I02SU083MA31
COL	Haliplidae	0	0	0	0	0	0	0	0
COL	Hydrophilidae	0	0	0	0	0	0	0	0
COL	Lampyridae	0	0	0	0	0	0	0	0
COL	Noteridae	0	0	0	0	0	0	0	0
COL	Psephenidae	0	0	0	0	0	0	0	0
COL	Eubrianacinae	0	0	0	0	0	0	0	0
COL	Psephenoidinae	0	0	0	0	0	0	0	0
COL	Scirtidae	0	0	0	0	0	0	0	0
TRI	Trichoptera	8	1	4	21	34	0	21	35
TRI	Brachycentridae	0	0	0	0	0	0	0	0
TRI	<i>Brachycentrus sp.</i>	0	0	0	0	0	0	0	0
TRI	<i>Micrasema sp.</i>	0	0	0	0	0	0	0	0
TRI	Calamoceratidae	0	0	0	0	0	0	0	0
TRI	<i>Anisocentropus sp.</i>	0	0	0	0	0	0	0	0
TRI	Ecnomidae	0	0	0	0	0	0	0	0
TRI	<i>Ecnomus sp.</i>	0	0	0	0	0	0	0	0
TRI	Glossosomatidae	0	0	0	0	1	0	0	0
TRI	Agapetinae	0	0	0	0	0	0	0	0
TRI	Glossosomatinae	0	0	0	0	1	0	0	0
TRI	Goeridae	0	0	0	0	0	0	0	0
TRI	<i>Goera sp.</i>	0	0	0	0	0	0	0	0
TRI	Helicopsychidae	0	0	0	0	0	0	0	0
TRI	Hydropsychidae	0	1	2	8	6	0	14	21
TRI	Hydropsychinae	0	1	2	8	6	0	14	21
TRI	<i>Cheumatopsyche sp.</i>	0	0	0	0	1	0	0	0
TRI	<i>Hydropsych_calda_group</i>	0	0	0	0	0	0	0	0
TRI	<i>Hydropsyche white_stripe</i>	0	0	0	0	0	0	0	0
TRI	<i>Hydropsyche sp.</i>	0	1	2	8	5	0	14	21
TRI	<i>Potamyia sp.</i>	0	0	0	0	0	0	0	0
TRI	<i>Arctopsyche sp.</i>	0	0	0	0	0	0	0	0
TRI	<i>Diplectrona sp.</i>	0	0	0	0	0	0	0	0
TRI	<i>Diplectroninae</i>	0	0	0	0	0	0	0	0
TRI	<i>Macronematinae</i>	0	0	0	0	0	0	0	0
TRI	<i>Macrostenum sp.</i>	0	0	2	0	0	0	0	0

Taxa group	Taxon	I05BE033MP11	I05BE051MI11	I05BE063MP21	I05DP021PS11	I05DP031PS21	I05DP031AK11	I05KO041MP11	I05RY021AK11
EPH	Ephemeroptera	0	9	0	1	16	5	174	3
EPH	Baetidae	0	9	0	0	1	0	130	0
EPH	<i>Acentrella sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Baetiella sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Baetis sp.</i>	0	9	0	0	1	0	128	0
EPH	Baetinae	0	9	0	0	1	0	128	0
EPH	Cloeoninae	0	0	0	0	0	0	0	0
EPH	<i>Proclleon sp.</i>	0	0	0	0	0	0	2	0
EPH	<i>Cloeon sp.</i>	0	0	0	0	0	0	2	0
EPH	Caenidae	0	0	0	0	6	0	26	3
EPH	<i>Caenis sp.</i>	0	0	0	0	6	0	26	3
EPH	Ephemerellidae	0	0	0	0	7	5	4	0
EPH	<i>Cincticostella sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Crinitella sp.</i>	0	0	0	0	0	2	0	0
EPH	<i>Drunella sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Serratella sp.</i>	0	0	0	0	7	1	4	0
EPH	<i>Teloganodes sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Urancanthella sp.</i>	0	0	0	0	0	0	0	0
EPH	Ephemeridae	0	0	0	0	0	0	1	0
EPH	<i>Ephemera sp.</i>	0	0	0	0	0	0	1	0
EPH	Heptageniidae	0	0	0	1	0	0	0	0
EPH	<i>Afronurus sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Cinygmina sp.</i>	0	0	0	1	0	0	0	0
EPH	<i>Ecdyonurus sp. s.l.</i>	0	0	0	0	0	0	0	0
EPH	<i>Ecdyonurus sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Electrogena sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Epeorus "bispinosa"</i>	0	0	0	0	0	0	0	0
EPH	<i>Epeorus sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Iron psi</i>	0	0	0	0	0	0	0	0
EPH	<i>Iron sp._1</i>	0	0	0	0	0	0	0	0
EPH	<i>Iron sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Notacanthurus sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Rhithrogena sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Choroterpes sp.</i>	0	0	0	0	1	0	1	0

Taxa group	Taxon	I05BE033MP11	I05BE051MI11	I05BE063MP21	I05DP021PS11	I05DP031PS21	I05DP031AK11	I05KO041MP11	I05RY021AK11
EPH	Leptophlebiidae	0	0	0	0	2	0	13	0
EPH	<i>Euthraulius sp.</i>	0	0	0	0	1	0	0	0
EPH	<i>Choroerterpides sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Habrophlebiodes sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Leptophlebia sp.</i>	0	0	0	0	0	0	12	0
EPH	<i>Paraleptophlebia sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Thraulius sp.</i>	0	0	0	0	0	0	0	0
ODO	Odonata	0	0	0	1	0	0	1	0
ODO	Epiophlebiidae	0	0	0	0	0	0	0	0
ODO	Cordulegasteridae	0	0	0	0	0	0	0	0
ODO	Euphaeidae	0	0	0	0	0	0	0	0
ODO	Gomphidae	0	0	0	1	0	0	1	0
ODO	Libellulidae	0	0	0	0	0	0	0	0
ODO	Platystictidae	0	0	0	0	0	0	0	0
ODO	Protoneuridae	0	0	0	0	0	0	0	0
PLE	Plecoptera spec	0	0	0	0	12	14	8	0
PLE	Chloroperlidae	0	0	0	0	0	0	0	0
PLE	Leuctridae	0	0	0	0	0	0	0	0
PLE	Nemouridae	0	0	0	0	0	0	0	0
PLE	<i>Amphinemoura sp.</i>	0	0	0	0	0	0	0	0
PLE	<i>Indonemoura sp.</i>	0	0	0	0	0	0	0	0
PLE	<i>Nemoura sp.</i>	0	0	0	0	0	0	0	0
PLE	<i>Sphaeronemoura sp.</i>	0	0	0	0	0	0	0	0
PLE	Perlidae	0	0	0	0	6	7	4	0
PLE	Perlinae	0	0	0	0	6	7	4	0
PLE	<i>Togoperla sp.</i>	0	0	0	0	0	0	0	0
PLE	<i>Neoperla sp.</i>	0	0	0	0	2	2	3	0
MEG	Megaloptera	0	0	0	0	0	0	0	0
MEG	Corydalidae	0	0	0	0	0	0	0	0
COL	Coleoptera	2	4	1	0	29	0	1	19
COL	Dytiscidae	0	0	0	0	0	0	0	0
COL	Elmidae	0	3	0	0	20	0	0	1
COL	Eulichadidae	0	0	0	0	0	0	0	0
COL	Gyrinidae	1	0	0	0	0	0	0	0

Taxa group	Taxon	H02PJ043ME11	H02PM021ME11	H02SB021ME11	H02SB031AK11	H02SB041MI11	H02SK021AK11	H02WM021MG11	H02WN021MG11
EPH	Ephemeroptera	4	6	40	4	5	1	37	19
EPH	Baetidae	0	1	0	0	0	0	20	7
EPH	<i>Acentrella sp.</i>	0	0	0	0	0	0	0	1
EPH	<i>Baetiella sp.</i>	0	0	0	0	0	0	20	6
EPH	<i>Baetis sp.</i>	0	0	0	0	0	0	0	0
EPH	Baetinae	0	0	0	0	0	0	20	7
EPH	Cloeoninae	0	1	0	0	0	0	0	0
EPH	<i>Proclleon sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Cleon sp.</i>	0	0	0	0	0	0	0	0
EPH	Caenidae	0	0	1	3	0	1	0	0
EPH	<i>Caenis sp.</i>	0	0	1	3	0	1	0	0
EPH	Ephemerellidae	0	5	12	1	3	0	6	0
EPH	<i>Cincticostella sp.</i>	0	0	0	0	0	0	1	0
EPH	<i>Crinitella sp.</i>	0	3	9	1	3	0	5	0
EPH	<i>Drunella sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Serratella sp.</i>	0	2	1	0	0	0	0	0
EPH	<i>Teloganodes sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Urancanthella sp.</i>	0	0	2	0	0	0	0	0
EPH	Ephemeridae	0	0	0	0	0	0	1	0
EPH	<i>Ephemera sp.</i>	0	0	0	0	0	0	1	0
EPH	Heptageniidae	2	0	9	0	0	0	10	10
EPH	<i>Afronurus sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Cinygmina sp.</i>	0	0	0	0	0	0	0	2
EPH	<i>Ecdyonurus sp. s.l.</i>	0	0	6	0	0	0	0	0
EPH	<i>Ecdyonurus sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Electrogena sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Epeorus "bispinosa"</i>	2	0	0	0	0	0	0	0
EPH	<i>Epeorus sp.</i>	2	0	6	0	0	0	6	0
EPH	<i>Iron psi</i>	0	0	0	0	0	0	0	8
EPH	<i>Iron sp._1</i>	0	0	0	0	0	0	7	0
EPH	<i>Iron sp.</i>	0	0	0	0	0	0	7	8
EPH	<i>Notacanthurus sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Rhithrogena sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Choroterpes sp.</i>	0	0	0	0	2	0	0	0

Taxa group	Taxon	H02WN023MG11	H02WN031MA11	H02WN033MG21	H02WN043MG31	H02WN053ME11	H03AB021MG11	H03AB031MA11
EPH	Ephemeroptera	2	0	13	4	106	2	95
EPH	Baetidae	1	0	13	4	9	1	4
EPH	<i>Acentrella sp.</i>	1	0	1	4	8	0	1
EPH	<i>Baetiella sp.</i>	0	0	12	0	1	1	3
EPH	<i>Baetis sp.</i>	0	0	0	0	0	0	0
EPH	Baetinae	1	0	13	4	9	1	4
EPH	Cloeoninae	0	0	0	0	0	0	0
EPH	<i>Proclleon sp.</i>	0	0	0	0	0	0	0
EPH	<i>Cleon sp.</i>	0	0	0	0	0	0	0
EPH	Caenidae	1	0	0	0	5	0	0
EPH	<i>Caenis sp.</i>	1	0	0	0	5	0	0
EPH	Ephemerellidae	0	0	0	0	8	1	9
EPH	<i>Cincticostella sp.</i>	0	0	0	0	2	0	6
EPH	<i>Crinitella sp.</i>	0	0	0	0	6	0	0
EPH	<i>Drunella sp.</i>	0	0	0	0	0	0	2
EPH	<i>Serratella sp.</i>	0	0	0	0	0	1	0
EPH	<i>Teloganodes sp.</i>	0	0	0	0	0	0	0
EPH	<i>Urancanthella sp.</i>	0	0	0	0	0	0	0
EPH	Ephemeridae	0	0	0	0	0	0	0
EPH	<i>Ephemera sp.</i>	0	0	0	0	0	0	0
EPH	Heptageniidae	0	0	0	0	17	0	4
EPH	<i>Afronurus sp.</i>	0	0	0	0	1	0	0
EPH	<i>Cinygmina sp.</i>	0	0	0	0	3	0	0
EPH	<i>Ecdyonurus sp. s.l.</i>	0	0	0	0	2	0	0
EPH	<i>Ecdyonurus sp.</i>	0	0	0	0	0	0	0
EPH	<i>Electrogena sp.</i>	0	0	0	0	3	0	0
EPH	<i>Epeorus "bispinosa"</i>	0	0	0	0	0	0	0
EPH	<i>Epeorus sp.</i>	0	0	0	0	2	0	0
EPH	<i>Iron psi</i>	0	0	0	0	0	0	0
EPH	<i>Iron sp._1</i>	0	0	0	0	0	0	0
EPH	<i>Iron sp.</i>	0	0	0	0	0	0	0
EPH	<i>Notacanthurus sp.</i>	0	0	0	0	1	0	4
EPH	<i>Rhithrogena sp.</i>	0	0	0	0	5	0	0
EPH	<i>Choroterpes sp.</i>	0	0	0	0	8	0	0

Taxa group	Taxon	H02WN023MG11	H02WN031MA11	H02WN033MG21	H02WN043MG31	H02WN053ME11	H03AB021MG11	H03AB031MA11
EPH	Leptophlebiidae	0	0	0	0	8	0	74
EPH	<i>Euthraulus sp.</i>	0	0	0	0	0	0	0
EPH	<i>Choroterpides sp.</i>	0	0	0	0	0	0	0
EPH	<i>Habrophlebiodes sp.</i>	0	0	0	0	0	0	33
EPH	<i>Leptophlebia sp.</i>	0	0	0	0	0	0	0
EPH	<i>Paraleptophlebia sp.</i>	0	0	0	0	0	0	33
EPH	<i>Thraulius sp.</i>	0	0	0	0	0	0	0
ODO	Odonata	0	0	0	0	0	0	1
ODO	Epiophlebiidae	0	0	0	0	0	0	1
ODO	Cordulegasteridae	0	0	0	0	0	0	0
ODO	Euphaeidae	0	0	0	0	0	0	0
ODO	Gomphidae	0	0	0	0	0	0	0
ODO	Libellulidae	0	0	0	0	0	0	0
ODO	Platystictidae	0	0	0	0	0	0	0
ODO	Protoneuridae	0	0	0	0	0	0	0
PLE	Plecoptera spec	0	0	0	0	0	0	17
PLE	Chloroperlidae	0	0	0	0	0	0	12
PLE	Leuctridae	0	0	0	0	0	0	0
PLE	Nemouridae	0	0	0	0	0	0	5
PLE	<i>Amphinemoura sp.</i>	0	0	0	0	0	0	4
PLE	<i>Indonemoura sp.</i>	0	0	0	0	0	0	0
PLE	<i>Nemoura sp.</i>	0	0	0	0	0	0	1
PLE	<i>Sphaeronemoura sp.</i>	0	0	0	0	0	0	0
PLE	Perlidae	0	0	0	0	0	0	0
PLE	Perlinae	0	0	0	0	0	0	0
PLE	<i>Togoperla sp.</i>	0	0	0	0	0	0	0
PLE	<i>Neoperla sp.</i>	0	0	0	0	0	0	0
MEG	Megaloptera	0	0	0	0	0	0	0
MEG	Corydalidae	0	0	0	0	0	0	0
COL	Coleoptera	0	0	0	0	24	0	1
COL	Dytiscidae	0	0	0	0	0	0	0
COL	Elmidae	0	0	0	0	12	0	1
COL	Eulichadidae	0	0	0	0	0	0	0
COL	Gyrinidae	0	0	0	0	0	0	0

Taxa group	Taxon	H02WN023MG11	H02WN031MA11	H02WN033MG21	H02WN043MG31	H02WN053ME11	H03AB021MG11	H03AB031MA11
COL	Haliplidae	0	0	0	0	0	0	0
COL	Hydrophilidae	0	0	0	0	0	0	0
COL	Lampyridae	0	0	0	0	0	0	0
COL	Noteridae	0	0	0	0	0	0	0
COL	Psephenidae	0	0	0	0	12	0	0
COL	Eubrianacinae	0	0	0	0	0	0	0
COL	Psephenoidinae	0	0	0	0	12	0	0
COL	Scirtidae	0	0	0	0	0	0	0
TRI	Trichoptera	3	12	2	33	25	0	11
TRI	Brachycentridae	0	0	0	0	0	0	0
TRI	<i>Brachycentrus sp.</i>	0	0	0	0	0	0	0
TRI	<i>Micrasema sp.</i>	0	0	0	0	0	0	0
TRI	Calamoceratidae	0	0	0	0	0	0	0
TRI	<i>Anisocentropus sp.</i>	0	0	0	0	0	0	0
TRI	Ecnomidae	0	0	0	0	0	0	0
TRI	<i>Ecnomus sp.</i>	0	0	0	0	0	0	0
TRI	Glossosomatidae	0	0	0	0	0	0	0
TRI	Agapetinae	0	0	0	0	0	0	0
TRI	Glossosomatinae	0	0	0	0	0	0	0
TRI	Goeridae	0	0	0	0	2	0	0
TRI	<i>Goera sp.</i>	0	0	0	0	2	0	0
TRI	Helicopsychidae	0	0	0	0	0	0	0
TRI	Hydropsychidae	2	7	0	0	14	0	0
TRI	Hydropsychinae	2	7	0	0	13	0	0
TRI	<i>Cheumatopsyche sp.</i>	0	2	0	0	5	0	0
TRI	<i>Hydropsych_calda_group</i>	0	0	0	0	0	0	0
TRI	<i>Hydropsyche white_stripe</i>	0	0	0	0	0	0	0
TRI	<i>Hydropsyche sp.</i>	2	5	0	0	5	0	0
TRI	<i>Potamyia sp.</i>	0	0	0	0	0	0	0
TRI	<i>Arctopsyche sp.</i>	0	0	0	0	0	0	0
TRI	<i>Diplectrona sp.</i>	0	0	0	0	0	0	0
TRI	Diplectroninae	0	0	0	0	0	0	0
TRI	Macronematinae	0	0	0	0	0	0	0
TRI	<i>Macrostenum sp.</i>	0	0	0	0	0	0	0

Taxa group	Taxon	H02WN023MG11	H02WN031MA11	H02WN033MG21	H02WN043MG31	H02WN053ME11	H03AB021MG11	H03AB031MA11
TRI	Hydroptilidae	0	0	4	33	3	0	0
TRI	Stactobiini	0	0	0	33	3	0	0
TRI	<i>Ugandatrichia sp.</i>	0	0	1	0	0	0	0
TRI	Lepidostomatidae	1	0	0	0	0	0	9
TRI	Leptoceridae	0	1	0	0	0	0	2
TRI	<i>Oecitis sp.</i>	0	0	0	0	0	0	0
TRI	<i>Setodes sp.</i>	0	1	0	0	0	0	2
TRI	<i>Limnocentropus sp.</i>	0	0	0	0	0	0	0
TRI	Limnophilidae	0	0	0	0	0	0	0
TRI	Limnocentropodidae	0	0	0	0	0	0	0
TRI	Odontoceridae	0	0	0	0	0	0	0
TRI	<i>Marillia sp.</i>	0	0	0	0	0	0	0
TRI	Philopotamidae	0	4	0	0	0	0	0
TRI	<i>Chimarra sp.</i>	0	4	0	0	0	0	0
TRI	<i>Dolophilodes sp.</i>	0	0	0	0	0	0	0
TRI	Polycentropodidae	0	0	0	0	0	0	0
TRI	Polycentropodinae	0	0	0	0	0	0	0
TRI	<i>Pseudoneureclipsis sp.</i>	0	0	0	0	0	0	0
TRI	Psychomyiidae	0	0	0	0	1	0	0
TRI	<i>Paduniella sp.</i>	0	0	0	0	0	0	0
TRI	<i>Psychomyia sp.</i>	0	0	0	0	1	0	0
TRI	Rhyacophilidae	0	0	1	0	0	0	0
TRI	<i>Himalopsyche TypA</i>	0	0	0	0	0	0	0
TRI	<i>Himalopsyche TypB</i>	0	0	1	0	0	0	0
TRI	<i>Himalopsyche sp.</i>	0	0	1	0	0	0	0
TRI	<i>Rhyacophila sp.</i>	0	0	0	0	0	0	0
TRI	Stenopsychidae	0	0	0	0	5	0	0
TRI	<i>Stenopsyche sp.</i>	0	0	0	0	5	0	0
TRI	Uenoidae	0	0	0	0	0	0	0
TRI	<i>Uenoa sp.</i>	0	0	0	0	0	0	0
LEP	Pyralidae	0	0	0	0	0	0	0
DIP	Diptera	143	2	8	789	168	26	173
DIP	Athericidae	0	0	0	0	0	0	0
DIP	Blephaceraidae	0	0	0	0	0	0	0

Taxa group	Taxon	H02WN023MG11	H02WN031MA11	H02WN033MG21	H02WN043MG31	H02WN053ME11	H03AB021MG11	H03AB031MA11
DIP	Ceratopogonidae	0	0	0	0	1	0	0
DIP	Ceratopogoninae	0	0	0	0	1	0	0
DIP	Forcipomyiinae	0	0	0	0	0	0	0
DIP	Chironomidae	141	0	2	788	145	13	51
DIP	Chironiminae	0	0	0	0	57	0	4
DIP	other Chironomini	0	0	0	0	39	0	0
DIP	<i>Chironomus sp.</i>	0	0	0	0	0	0	0
DIP	Tanytarsini	0	0	0	0	18	0	4
DIP	Orthoclaadiinae_Diamesinae	141	0	0	780	66	13	45
DIP	Culicidae	0	0	0	0	0	0	0
DIP	Deuterophlebiidae	0	0	0	0	0	0	0
DIP	Tanypodinae	0	0	0	0	2	0	2
DIP	Dolichopodidae	0	0	0	0	0	0	0
DIP	Empididae	0	0	0	0	0	0	0
DIP	Limoniidae	2	1	4	0	9	0	0
DIP	Limoniinae	0	0	0	0	0	0	0
DIP	<i>Antocha sp.</i>	2	1	4	0	6	0	0
DIP	<i>Hexatoma sp.</i>	0	0	0	0	3	0	0
DIP	Psychodidae	0	0	0	1	7	0	0
DIP	Simuliidae	0	0	2	0	3	13	122
DIP	Tabanidae	0	0	0	0	3	0	0
DIP	Tipulinae	0	0	0	0	0	0	0

H03AI021MG11
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H03AI021MG11
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Taxa group	Taxon	N03RO071MI21	N03RO181MG51	N03RO201ME51	N03RO211MI41	N03RO221MI51	P02SO223ME11	P02SO231AK11	P02SO233AK11
EPH	Ephemeroptera	3	0	1	9	9	42	1	170
EPH	Baetidae	2	0	0	3	9	0	0	158
EPH	<i>Acentrella sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Baetiella sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Baetis sp.</i>	0	0	0	3	9	0	0	158
EPH	Baetinae	0	0	0	3	9	0	0	158
EPH	Cloeoninae	0	0	0	0	0	0	0	0
EPH	<i>Procloeon sp.</i>	2	0	0	0	0	0	0	0
EPH	<i>Cloeon sp.</i>	2	0	0	0	0	0	0	0
EPH	Caenidae	1	0	1	4	0	0	0	0
EPH	<i>Caenis sp.</i>	1	0	1	4	0	0	0	0
EPH	Ephemerellidae	0	0	0	2	0	0	0	0
EPH	<i>Cincticostella sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Crinitella sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Drunella sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Serratella sp.</i>	0	0	0	2	0	0	0	0
EPH	<i>Teloganodes sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Urancanthella sp.</i>	0	0	0	0	0	0	0	0
EPH	Ephemeridae	0	0	0	0	0	0	0	0
EPH	<i>Ephemera sp.</i>	0	0	0	0	0	0	0	0
EPH	Heptageniidae	0	0	0	0	0	2	0	11
EPH	<i>Afronurus sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Cinygmina sp.</i>	0	0	0	0	0	0	0	11
EPH	<i>Ecdyonurus sp. s.l.</i>	0	0	0	0	0	0	0	0
EPH	<i>Ecdyonurus sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Electrogena sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Epeorus "bispinosa"</i>	0	0	0	0	0	0	0	0
EPH	<i>Epeorus sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Iron psi</i>	0	0	0	0	0	0	0	0
EPH	<i>Iron sp._1</i>	0	0	0	0	0	0	0	0
EPH	<i>Iron sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Notacanthurus sp.</i>	0	0	0	0	0	2	0	0
EPH	<i>Rhithrogena sp.</i>	0	0	0	0	0	0	0	0
EPH	<i>Choroterpes sp.</i>	0	0	0	0	0	38	0	0

Taxa group	Taxon	P04KN051ME11	P04KN061MI11	P04KN063MI11	P04KN071MA11	P04KN081MG11	P04KN083MG11
EPH	Ephemeroptera	5	28	1	0	2	0
EPH	Baetidae	0	27	1	0	1	0
EPH	<i>Acentrella sp.</i>	0	3	1	0	0	0
EPH	<i>Baetiella sp.</i>	0	0	0	0	0	0
EPH	<i>Baetis sp.</i>	0	24	0	0	1	0
EPH	Baetinae	0	27	1	0	1	0
EPH	Cloeoninae	0	0	0	0	0	0
EPH	<i>Procloeon sp.</i>	0	0	0	0	0	0
EPH	<i>Cloeon sp.</i>	0	0	0	0	0	0
EPH	Caenidae	0	1	0	0	1	0
EPH	<i>Caenis sp.</i>	0	1	0	0	1	0
EPH	Ephemerellidae	0	0	0	0	0	0
EPH	<i>Cincticostella sp.</i>	0	0	0	0	0	0
EPH	<i>Crinitella sp.</i>	0	0	0	0	0	0
EPH	<i>Drunella sp.</i>	0	0	0	0	0	0
EPH	<i>Serratella sp.</i>	0	0	0	0	0	0
EPH	<i>Teloganodes sp.</i>	0	0	0	0	0	0
EPH	<i>Urancanthella sp.</i>	0	0	0	0	0	0
EPH	Ephemeridae	0	0	0	0	0	0
EPH	<i>Ephemera sp.</i>	0	0	0	0	0	0
EPH	Heptageniidae	5	0	0	0	0	0
EPH	<i>Afronurus sp.</i>	0	0	0	0	0	0
EPH	<i>Cinygmina sp.</i>	0	0	0	0	0	0
EPH	<i>Ecdyonurus sp. s.l.</i>	5	0	0	0	0	0
EPH	<i>Ecdyonurus sp.</i>	0	0	0	0	0	0
EPH	<i>Electrogena sp.</i>	0	0	0	0	0	0
EPH	<i>Epeorus "bispinosa"</i>	0	0	0	0	0	0
EPH	<i>Epeorus sp.</i>	0	0	0	0	0	0
EPH	<i>Iron psi</i>	0	0	0	0	0	0
EPH	<i>Iron sp._1</i>	0	0	0	0	0	0
EPH	<i>Iron sp.</i>	0	0	0	0	0	0
EPH	<i>Notacanthurus sp.</i>	0	0	0	0	0	0
EPH	<i>Rhithrogena sp.</i>	0	0	0	0	0	0
EPH	<i>Choroterpes sp.</i>	0	0	0	0	0	0

Taxa group	Taxon	P04KN051ME11	P04KN061MI11	P04KN063MI11	P04KN071MA11	P04KN081MG11	P04KN083MG11
EPH	Leptophlebiidae	0	0	0	0	0	0
EPH	<i>Euthraulius sp.</i>	0	0	0	0	0	0
EPH	<i>Choroeripides sp.</i>	0	0	0	0	0	0
EPH	<i>Habrophlebiodes sp.</i>	0	0	0	0	0	0
EPH	<i>Leptophlebia sp.</i>	0	0	0	0	0	0
EPH	<i>Paraleptophlebia sp.</i>	0	0	0	0	0	0
EPH	<i>Thraulius sp.</i>	0	0	0	0	0	0
ODO	Odonata	0	0	0	0	0	2
ODO	Epiophlebiidae	0	0	0	0	0	0
ODO	Cordulegasteridae	0	0	0	0	0	0
ODO	Euphaeidae	0	0	0	0	0	0
ODO	Gomphidae	0	0	0	0	0	2
ODO	Libellulidae	0	0	0	0	0	0
ODO	Platystictidae	0	0	0	0	0	0
ODO	Protoneuridae	0	0	0	0	0	0
PLE	Plecoptera spec	0	0	0	0	0	0
PLE	Chloroperlidae	0	0	0	0	0	0
PLE	Leuctridae	0	0	0	0	0	0
PLE	Nemouridae	0	0	0	0	0	0
PLE	<i>Amphinemoura sp.</i>	0	0	0	0	0	0
PLE	<i>Indonemoura sp.</i>	0	0	0	0	0	0
PLE	<i>Nemoura sp.</i>	0	0	0	0	0	0
PLE	<i>Sphaeronemoura sp.</i>	0	0	0	0	0	0
PLE	Perlidae	0	0	0	0	0	0
PLE	Perlinae	0	0	0	0	0	0
PLE	<i>Togoperla sp.</i>	0	0	0	0	0	0
PLE	<i>Neoperla sp.</i>	0	0	0	0	0	0
MEG	Megaloptera	0	0	0	0	0	0
MEG	Corydalidae	0	0	0	0	0	0
COL	Coleoptera	0	0	0	0	0	1
COL	Dytiscidae	0	0	0	0	0	0
COL	Elmidae	0	0	0	0	0	1
COL	Eulichadidae	0	0	0	0	0	0
COL	Gyrinidae	0	0	0	0	0	0

Taxa group	Taxon	P04KN051ME11	P04KN061MI11	P04KN063MI11	P04KN071MA11	P04KN081MG11	P04KN083MG11
COL	Haliplidae	0	0	0	0	0	0
COL	Hydrophilidae	0	0	0	0	0	0
COL	Lampyridae	0	0	0	0	0	0
COL	Noteridae	0	0	0	0	0	0
COL	Psephenidae	0	0	0	0	0	0
COL	Eubrianacinae	0	0	0	0	0	0
COL	Psephenoidinae	0	0	0	0	0	0
COL	Scirtidae	0	0	0	0	0	0
TRI	Trichoptera	24	5	0	0	8	0
TRI	Brachycentridae	0	0	0	0	0	0
TRI	<i>Brachycentrus sp.</i>	0	0	0	0	0	0
TRI	<i>Micrasema sp.</i>	0	0	0	0	0	0
TRI	Calamoceratidae	0	0	0	0	0	0
TRI	<i>Anisocentropus sp.</i>	0	0	0	0	0	0
TRI	Ecnomidae	0	0	0	0	0	0
TRI	<i>Ecnomus sp.</i>	0	0	0	0	0	0
TRI	Glossosomatidae	5	3	0	0	0	0
TRI	Agapetinae	5	0	0	0	0	0
TRI	Glossosomatinae	0	3	0	0	0	0
TRI	Goeridae	0	0	0	0	0	0
TRI	<i>Goera sp.</i>	0	0	0	0	0	0
TRI	Helicopsychidae	0	0	0	0	0	0
TRI	Hydropsychidae	18	2	0	0	1	0
TRI	Hydropsychinae	18	2	0	0	1	0
TRI	<i>Cheumatopsyche sp.</i>	0	0	0	0	0	0
TRI	<i>Hydropsych_calda_group</i>	2	0	0	0	0	0
TRI	<i>Hydropsyche white_stripe</i>	0	0	0	0	0	0
TRI	<i>Hydropsyche sp.</i>	16	0	0	0	0	0
TRI	<i>Potamyia sp.</i>	0	0	0	0	0	0
TRI	<i>Arctopsyche sp.</i>	0	0	0	0	0	0
TRI	<i>Diplectrona sp.</i>	0	0	0	0	0	0
TRI	Diplectroninae	0	0	0	0	0	0
TRI	Macronematinae	0	0	0	0	0	0
TRI	<i>Macrostenum sp.</i>	0	0	0	0	0	0

Taxa group	Taxon	P04KN051ME11	P04KN061MI11	P04KN063MI11	P04KN071MA11	P04KN081MG11	P04KN083MG11
TRI	Hydroptilidae	0	0	0	0	0	0
TRI	Stactobiini	0	0	0	0	0	0
TRI	<i>Ugandatrichia sp.</i>	0	0	0	0	0	0
TRI	Lepidostomatidae	0	0	0	0	0	0
TRI	Leptoceridae	0	0	0	0	0	0
TRI	<i>Oecitis sp.</i>	0	0	0	0	0	0
TRI	<i>Setodes sp.</i>	0	0	0	0	0	0
TRI	<i>Limnocentropus sp.</i>	0	0	0	0	0	0
TRI	Limnophilidae	0	0	0	0	0	0
TRI	Limnocentropodidae	0	0	0	0	0	0
TRI	Odontoceridae	0	0	0	0	0	0
TRI	<i>Marillia sp.</i>	0	0	0	0	0	0
TRI	Philopotamidae	0	0	0	0	0	0
TRI	<i>Chimarra sp.</i>	0	0	0	0	0	0
TRI	<i>Dolophilodes sp.</i>	0	0	0	0	0	0
TRI	Polycentropodidae	0	0	0	0	2	0
TRI	Polycentropodinae	0	0	0	0	2	0
TRI	<i>Pseudoneureclipsis sp.</i>	0	0	0	0	0	0
TRI	Psychomyiidae	0	0	0	0	0	0
TRI	<i>Paduniella sp.</i>	0	0	0	0	0	0
TRI	<i>Psychomyia sp.</i>	0	0	0	0	0	0
TRI	Rhyacophilidae	1	0	0	0	5	0
TRI	<i>Himalopsyche TypA</i>	0	0	0	0	0	0
TRI	<i>Himalopsyche TypB</i>	0	0	0	0	0	0
TRI	<i>Himalopsyche sp.</i>	0	0	0	0	0	0
TRI	<i>Rhyacophila sp.</i>	1	0	0	0	5	0
TRI	Stenopsychidae	0	0	0	0	0	0
TRI	<i>Stenopsyche sp.</i>	0	0	0	0	0	0
TRI	Uenoidae	0	0	0	0	0	0
TRI	<i>Uenoa sp.</i>	0	0	0	0	0	0
LEP	Pyralidae	0	0	0	0	0	0
DIP	Diptera	10	4	0	3	8	0
DIP	Athericidae	0	1	0	0	0	0
DIP	Blephaceraidae	0	0	0	0	2	0

Taxa group	Taxon	P04KN051ME11	P04KN061MI11	P04KN063MI11	P04KN071MA11	P04KN081MG11	P04KN083MG11
DIP	Ceratopogonidae	0	0	0	0	0	0
DIP	Ceratopogoninae	0	0	0	0	0	0
DIP	Forcipomyiinae	0	0	0	0	0	0
DIP	Chironomidae	3	2	0	0	0	0
DIP	Chironiminae	1	0	0	0	0	0
DIP	other Chironomini	1	0	0	0	0	0
DIP	<i>Chironomus sp.</i>	0	0	0	0	0	0
DIP	Tanytarsini	0	0	0	0	0	0
DIP	Orthocladiinae_Diamesinae	0	2	0	0	0	0
DIP	Culicidae	0	0	0	0	0	0
DIP	Deuterophlebiidae	0	0	0	0	0	0
DIP	Tanypodinae	0	0	0	0	0	0
DIP	Dolichopodidae	0	0	0	0	0	0
DIP	Empididae	0	0	0	0	0	0
DIP	Limoniidae	1	0	0	0	0	0
DIP	Limoniinae	1	0	0	0	0	0
DIP	<i>Antocha sp.</i>	0	0	0	0	0	0
DIP	<i>Hexatoma sp.</i>	0	0	0	0	0	0
DIP	Psychodidae	0	0	0	0	0	0
DIP	Simuliidae	6	1	0	2	2	0
DIP	Tabanidae	0	0	0	1	0	0
DIP	Tipulinae	0	0	0	0	0	0

Taxa group	Taxon	B01BO031PE11	B01BO041PS11	B01BR021PS1	B01BR021PS2	N01BA011PE2	N01BA011PE2	N01BA021PE	N01BA011PE3
BIV	<i>Radiatula occata</i>	0	0	9	0	7	7	2	1
BIV	<i>Corbicula striatella</i>	0	0	0	2	0	0	0	0
BIV	<i>Pisidium (Afropisidium) clarkeanum</i>	0	0	8	5	23	23	10	0
BIV	<i>Lamellidens consobrinus</i>	0	0	0	0	1	3	3	1
BIV	<i>Lamellidens corrianus</i>	0	0	0	0	0	0	0	0
BIV	<i>Lamellidens narainporensis</i>	0	0	0	0	0	0	0	0
BIV	<i>Radiatula caerulea</i>	0	0	0	0	1	3	7	1
GAS	<i>Digonostoma pulchella</i>	0	0	0	0	8	8	9	23
GAS	<i>Bellamyia (Filopaludina) bengalensis</i>	0	0	0	0	13	13	7	19
GAS	<i>Thiara lineata</i>	0	0	41	4	15	15	0	0
GAS	<i>Melanoides tuberculatus</i>	0	0	0	14	45	45	22	0
GAS	<i>Thiara scabra</i>	0	0	0	0	0	0	1	0
OLI	<i>Branchiura sowerbyi</i>	0	0	0	0	16	10	3	3

Taxa group	Taxon	N01BA021PE3	N01CH011PE	N01CH013PE	N01JH031PS	N01KA011PE1	N01KA011PE2	N01KA011PE3	N01KA013PE
BIV	<i>Radiatula occata</i>	2	13	3	6	0	0	0	0
BIV	<i>Corbicula striatella</i>	0	0	9	0	0	0	0	9
BIV	<i>Pisidium (Afropisidium) clarkeanum</i>	17	23	11	17	0	0	27	0
BIV	<i>Lamellidens consobrinus</i>	3	0	0	0	16	3	2	15
BIV	<i>Lamellidens corrianus</i>	0	2	2	0	4	16	2	10
BIV	<i>Lamellidens narainporensis</i>	2	2	1	0	5	16	3	15
BIV	<i>Radiatula caerulea</i>	9	0	0	2	0	0	0	0
GAS	<i>Digonostoma pulchella</i>	0	0	25	0	8	0	5	0
GAS	<i>Bellamyia (Filopaludina) bengalensis</i>	0	0	0	6	0	29	0	11
GAS	<i>Thiara lineata</i>	1	0	0	33	0	21	34	0
GAS	<i>Melanoides tuberculatus</i>	46	45	65	0	23	11	0	0
GAS	<i>Thiara scabra</i>	0	0	0	0	0	0	3	7
OLI	<i>Branchiura sowerbyi</i>	8	1	0	0	0	15	0	0

Taxa group	Taxon	N01LA011PS	N01LA013PS1	N01LA013PS2	N01LA013PS3	N01LA013PS4	N01LB011PS1	N01LB011PS2	N01SO011PE
BIV	<i>Radiatula occata</i>	0	0	0	0	0	4	0	0
BIV	<i>Corbicula striatella</i>	33	0	6	12	8	0	6	6
BIV	<i>Pisidium (Afropisidium) clarkeanum</i>	0	0	2	5	0	1	0	0
BIV	<i>Lamellidens consobrinus</i>	0	0	0	0	0	0	0	0
BIV	<i>Lamellidens corrianus</i>	0	0	0	0	0	0	0	2
BIV	<i>Lamellidens narainporensis</i>	0	0	0	0	0	0	0	0
BIV	<i>Radiatula caerulea</i>	3	5	0	0	9	0	3	0
GAS	<i>Digonostoma pulchella</i>	0	0	0	0	0	0	0	45
GAS	<i>Bellamyia (Filopaludina) bengalensis</i>	2	0	10	0	0	0	2	0
GAS	<i>Thiara lineata</i>	36	19	0	9	8	0	0	0
GAS	<i>Melanoides tuberculatus</i>	21	0	6	2	20	23	3	0
GAS	<i>Thiara scabra</i>	0	0	0	0	0	0	0	5
OLI	<i>Branchiura sowerbyi</i>	8	0	0	0	8	0	0	8

Taxa group	Taxon	N01SO011PE2	N01SO013PE1	N01SO013PE2
BIV	<i>Radiatula occata</i>	0	0	0
BIV	<i>Corbicula striatella</i>	3	0	0
BIV	<i>Pisidium (Afropisidium) clarkeanum</i>	22	39	0
BIV	<i>Lamellidens consobrinus</i>	0	0	3
BIV	<i>Lamellidens corrianus</i>	2	0	0
BIV	<i>Lamellidens narainporensis</i>	0	0	0
BIV	<i>Radiatula caerulea</i>	0	1	0
GAS	<i>Digonostoma pulchella</i>	38	74	45
GAS	<i>Bellamyia (Filopaludina) bengalensis</i>	0	25	0
GAS	<i>Thiara lineata</i>	9	18	2
GAS	<i>Melanoides tuberculatus</i>	56	0	33
GAS	<i>Thiara scabra</i>	4	4	16
OLI	<i>Branchiura sowerbyi</i>	0	0	0

Sample coding system for Assess-HKH and Additional microhabitat specific sample (AMS)

1. Sample coding for Multi-Habitat-Samples

Example: I02BE013

Codes mean:	I	India (see Table 1 for country codes)
	02	Ecoregion 2 (see Table 2 for ecoregion codes)
	BA	Site River <u>Beas</u> in the Kulu Valley, site A
	01	sample 01 at that site
	3	season autumn, post-monsoon, Nov. 2005 (see Table 3 for season codes)

Further examples:

B01CA021 Bangladesh, Lower Gangetic plains (IMO 120), Chittagong site A, sample 02, spring.

N02XY013 Nepal, Himalayan subtropical pine forests (IMO 301), River "XY", sample 01, autumn.

P04IA021 Pakistan, Western Himalayan (temperate) broadleaf forests, Indus, site A, sample 02, spring.

Table 1: Country codes.

country	code
Bangladesh	B
Bhutan	H
India	I
Nepal	N
Pakistan	P

Table 2: Ecoregion/stream type codes.

ecoregion (stream type)	code
IMO120: Lower Gangetic Plains (tropical) moist deciduous forests	01
IMO301: Himalayan subtropical pine forests	02
IMO401: Eastern Himalayan broadleaf forests	03
IMO403: Western Himalayan (temperate) broadleaf forests	04
IM0166: Upper Gangetic Plains	05

Table 3: Season codes.

Season	code
Spring (pre-monsoon; March–May)	1
Summer (monsoon; June–September)	2
Autumn (post-monsoon; October–December)	3
Winter (post-monsoon; January–February)	4

2. The additional AMS coding

1. The kind of substrate type (for abbreviation see table of appropriate site protocol)
2. The consecutive number of substrate type (if the same substrate is sampled twice or more)
3. The consecutive number of sub-unit of substrate type

Example:

B01CA021MG11= Bangladesh, Lower Gangetic plains (IMO 120), Chittagong site A, sample 02, spring, Megalithal first microhabitat sampling unit and one sub-unit of first MH sampling unit

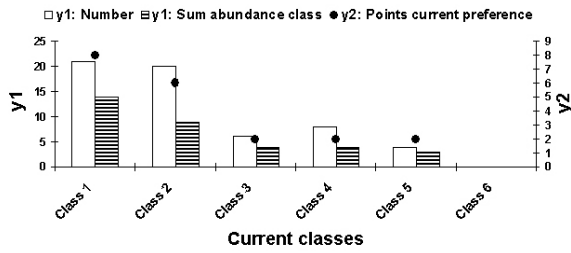
B01CA021MG21-6= Bangladesh, Lower Gangetic plains (IMO 120), Chittagong site A, sample 02, spring, second Megalithal microhabitat sampling units, 6 sub-unit pooled

I05TE013 XY2.1= India, Upper Gangetic Plains (IM0166), Teen Pani river, sample01, autumn, Xylal, second Xylal microhabitat sample, one sub-unit

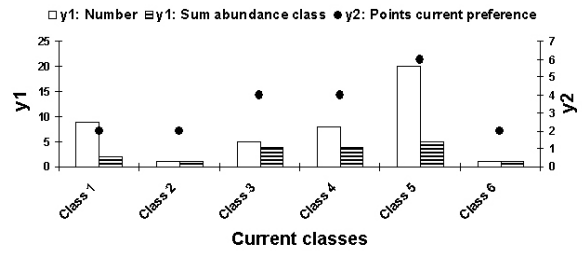
Orthoclaadiinae_Diamesinae Gen. sp.		x			x					
Simuliidae Gen. sp.		x			x					
Odonata										
Gomphidae Gen. sp.		x							K: Indiff.	
Bivalvia										
Corbiculidae Gen. sp.										
Corbicula striatella, DESHAYES			x	X					N: Fine gravel, sand, mud	
Unionidae Gen. sp.										
Lamellidens consobrinus, LEA				X						
Lamellidens corrianus, LEA				X					N: Sand, silt, mud	
Lamellidens narainporensis, PRESTON				X					N: Clay, mud	
Sphaeriidae Gen. sp.										
Pisidium clarkeanum, NEVILL				X					N: Lithal, mud	
Amblemidae Gen. sp.										
Radiatula caerulea, LEA				X					N: Gravel, sand, mud	
Radiatula occata, LEA				X					N: Fine gravel, sand, mud	
Gastropoda										
Viviparidae Gen. sp.										
Bellamyia (Filopaludina) bengalensis, LAMARCK				X						
Bithyniidae Gen. sp.										
Digoniostoma pulchella, BENSON				X					N: mud, Lithal	
Thiaridae Gen. sp.										
Melanoides tuberculatus, MÜLLER				X						
Thiara lineate, GRAY			x	X						
Thiara scabra, MÜLLER				X					N: Lithal, sand, mud	
Oligochaeta										
Tubificidae Gen. sp.										
Branchiura sowerbyi, BEDDARD				x						

Ephemeroptera

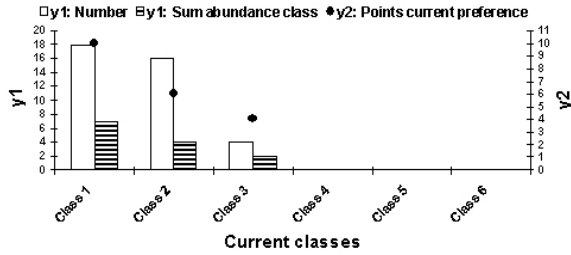
Ephemeroptera: *Cinygmia* sp.



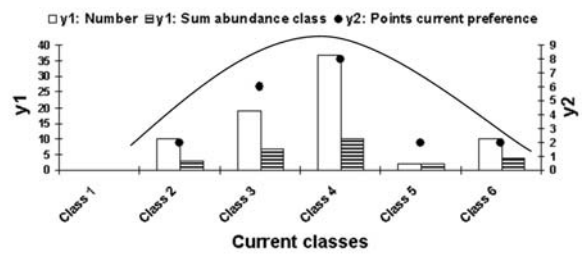
Ephemeroptera: *Drunella* sp.



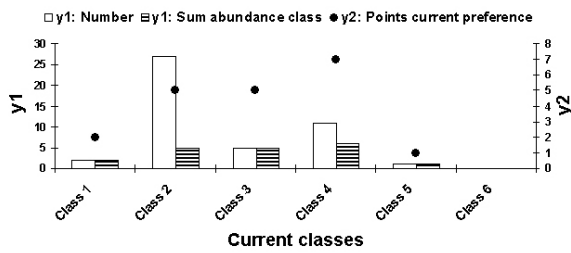
Ephemeroptera: *Ephemera* sp.



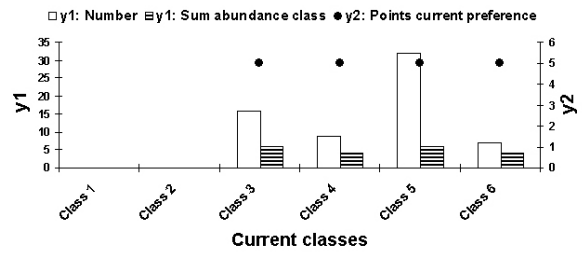
Ephemeroptera: *Epeorus* sp.



Ephemeroptera: *Notacanthus* sp.

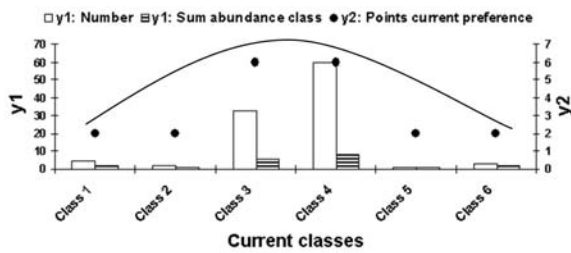


Ephemeroptera: *Rhithrogena* sp.



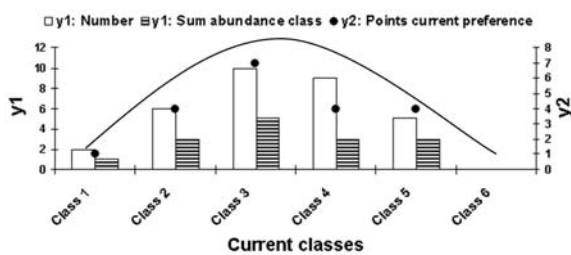
Plecoptera

Plecoptera: *Nemouridae* Gen. sp.

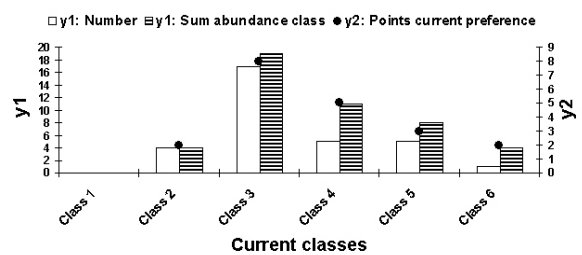


Trichoptera

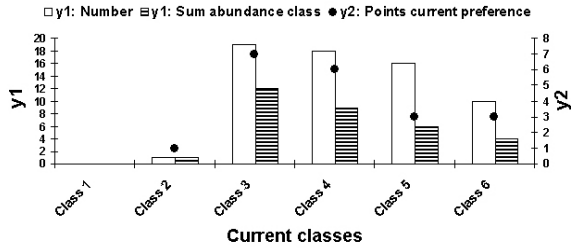
Trichoptera: *Goera* sp.



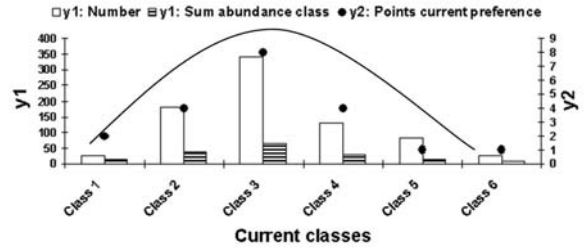
Trichoptera: *Agapetinae* Gen. sp.



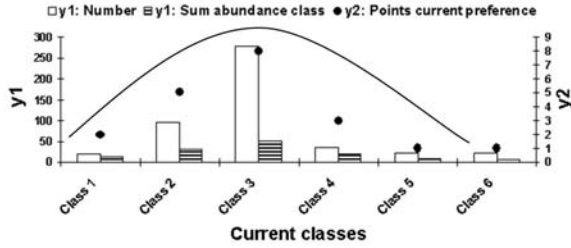
Trichoptera: Glossosomatinae Gen. sp.



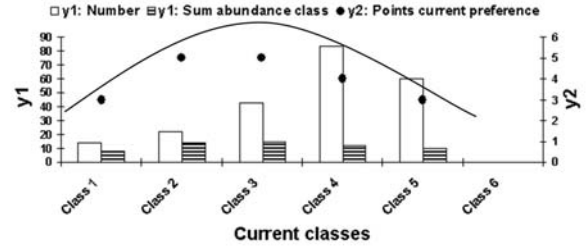
Trichoptera: Hydropsychinae Gen. sp.



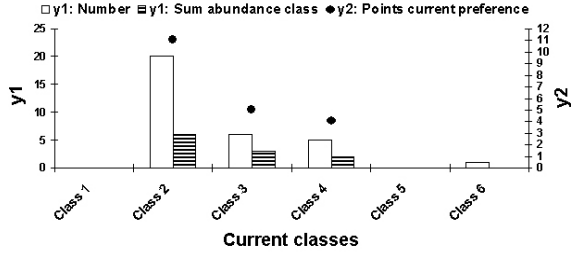
Trichoptera: Hydropsyche sp.



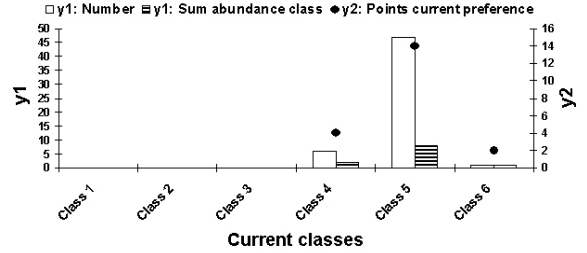
Trichoptera: Cheumatopsyche sp.



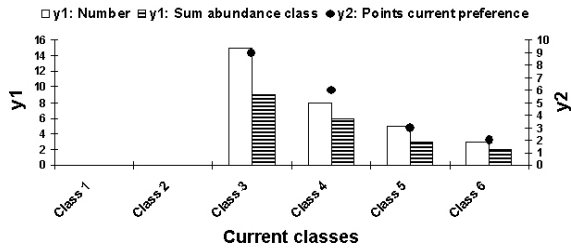
Trichoptera: Hydropsyche "white stripe"



Trichoptera: Hydroptilidae Gen. sp.

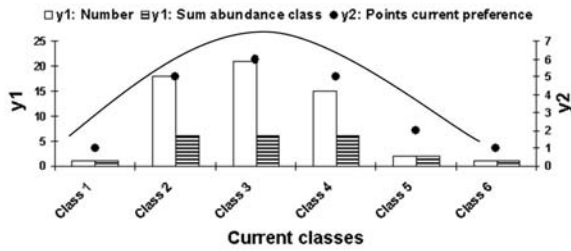


Trichoptera: Rhyacophila sp.



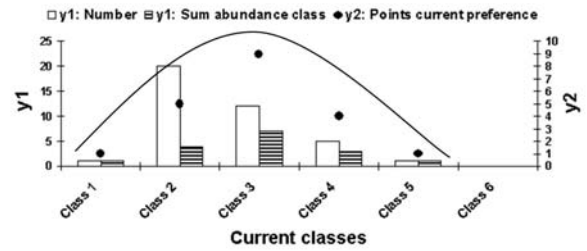
Coleoptera

Coleoptera: Scirtidae Gen. sp.



Diptera

Diptera: Athericidae Gen. sp.



Sampling code	Substrate	Current class	Distance to shore ((cm))	Depth (cm)
H02PJ023MG11	Bedrock	4	50	6
H02PJ033MG21	Bedrock	5	50	3
H02WM021MG11	Bedrock	6	150	5
H02WN021MG11	Bedrock	5	120	5
H02WN023MG11	Bedrock	5	200	5
H02WN033MG21	Bedrock	5	200	3
H02WN043MG31	Bedrock	5	180	6
H03AB021MG11	Bedrock	6	300	5
H03AI021MG11	Bedrock	3	400	20
H03HC021MG11	Bedrock	6	250	40
H03TC021MG11	Bedrock	3	400	1
H03TC023MG11	Bedrock	5	250	10
H03TC043MG21	Bedrock	4	250	25
H03TC053MG31	Bedrock	5	250	35
H03TO021MG11	Bedrock	6	200	7
I02BH043MG11	Bedrock	2	40	15
I02BH053MG41	Bedrock	4	40	0,1
I02BH083MG21	Bedrock	2	20	10
I02BH093MG31	Bedrock	2	30	5
I02BH131MG11	Bedrock	5	40	0,1
I02BH141MG21	Bedrock	1	50	30
I02BH151MG31	Bedrock	1	120	7
I02BH161MG32	Bedrock	1	120	20
I02GO033MG11	Bedrock	1	600	10
I02GO053MG21	Bedrock	1	550	10
I02GO061MG12	Bedrock	1	800	19,9
I02GO063MG31	Bedrock	1	600	10
I02GO073MG41	Bedrock	5	400	3
I02GO083MG51	Bedrock	5	350	2
I02GO093MG61	Bedrock	5	400	2
I02GO103MG71	Bedrock	5	300	3
I02KO103MG21	Bedrock	5	200	0,1
I02KO113MG31	Bedrock	5	200	0,1
I02KO171MG12	Bedrock	1	600	40
I02NI063MG11	Bedrock	5	45	0,1
I02NI141MG11	Bedrock	1	50	10
I02PI073MG11	Bedrock	5	400	8
I02RA043MG11	Bedrock	6	150	3
I02RA053MG21	Bedrock	2	100	30
I02RA101MG11	Bedrock	6	100	0,1
I02RA111MG12	Bedrock	1	100	25
I02SU053MG11	Bedrock	5	30	0,1
I02SU171MG11	Bedrock	3	20	15
I02SU181MG21	Bedrock	1	15	15
N02DH161MG21	Bedrock	4	250	3
N02DH171MG31	Bedrock	1	30	15
N02YA031MG11	Bedrock	4	300	5
N02YA231MG51	Bedrock	4	300	5
N03CH041MG11	Bedrock	4	100	15
N03MA081MG31	Bedrock	4	50	8
N03MA091MG41	Bedrock	2	70	25
N03RO181MG51	Bedrock	3	500	10
P04KN031MG11	Bedrock	5	55	75

Sampling code	Substrate	Current class	Distance to shore ((cm))	Depth (cm)
P04KN081MG11	Bedrock	3	10	3
P04KN083MG11	Bedrock	6	2	80
H02SB041MI11	Coarse gravel	3	400	40
H03AN021MI11	Coarse gravel	4	20	30
H03TO031MI11	Coarse gravel	4	500	15
I02BH181MI11	Coarse gravel	1	25	50
I02GA063MI11	Coarse gravel	4	30	5
I02GA073MI21	Coarse gravel	4	25	6
I02GA083MI31	Coarse gravel	4	35	7
I02GA111MI11	Coarse gravel	5	5	15
I02KA033MI11	Coarse gravel	2	40	15
I02KA061MI11	Coarse gravel	1	5	10
I02KO191MI11	Coarse gravel	3	100	20
I02NI073MI11	Coarse gravel	4	10	15
I02NI103MI11	Coarse gravel	4	30	10
I02PI121MI11	Coarse gravel	5	90	40
I02RA063MI11	Coarse gravel	3	30	10
I02RA081MI11	Coarse gravel	4	100	10
I02SA103MI31	Coarse gravel	4	5	20
I02SA113MI11	Coarse gravel	4	90	20
I02SA123MI41	Coarse gravel	4	10	15
I02SU131MI11	Coarse gravel	3	10	10
I05BE051MI11	Coarse gravel	2	50	10
I05SO081MI11	Coarse gravel	3	100	15
I05SU171MI11	Coarse gravel	4	200	70
I05TE071MI11	Coarse gravel	4	250	25
I05TE081MI21	Coarse gravel	5	250	40
I05YA033MI11	Coarse gravel	3	150	15
I05YA083MI21	Coarse gravel	3	150	15
I05YA091MI11	Coarse gravel	3	100	19,9
I05YA093MI31	Coarse gravel	3	150	15
N02DH181MI41	Coarse gravel	2	10	8
N03PU141MI31	Coarse gravel	2	30	15
N03RO051MI11	Coarse gravel	3	15	15
N03RO071MI21	Coarse gravel	2	12	3
N03RO211MI41	Coarse gravel	2	150	3
N03RO221MI51	Coarse gravel	4	130	30
P04KN061MI11	Coarse gravel	3	3	20
P04KN063MI11	Coarse gravel	2	2	12,5
I02BH191CP11	Detritus (leaves)	1	75	5
I05TE023CP11	Detritus (leaves)	1	10	5
I05TE043CP21	Detritus (leaves)	1	15	7
I05TE053CP31	Detritus (leaves)	1	20	8
H02SB031AK11	Fine gravel	2	500	40
H02SK021AK11	Fine gravel	2	100	4
I02BH023AK11	Fine gravel	2	20	5
I02BH171AK11	Fine gravel	1	150	40
I02BH211AK21	Fine gravel	1	150	20
I02GA023AK11	Fine gravel	2	15	28
I02GA033AK11	Fine gravel	4	20	5
I02GA093AK31	Fine gravel	4	15	5
I02GA101AK11	Fine gravel	3	50	5
I02GA103AK41	Fine gravel	4	20	5

Sampling code	Substrate	Current class	Distance to shore ((cm))	Depth (cm)
I02GO081AK11	Fine gravel	2	650	19,9
I02RA091AK11	Fine gravel	3	150	2
I02SA053AK11	Fine gravel	1	300	15
I02SA113AK21	Fine gravel	1	300	10
I02SA123AK31	Fine gravel	1	250	15
I02SU023AK11	Fine gravel	2	30	10
I02SU121AK11	Fine gravel	1	40	20
I05DP031AK11	Fine gravel	4	175	20
I05DP031AK11	Fine gravel	4	175	20
I05RY021AK11	Fine gravel	2	50	20
I05SO033AK11	Fine gravel	2	150	5
I05SO043AK21	Fine gravel	2	130	5
I05SO053AK31	Fine gravel	2	125	5
I05SO071AK11	Fine gravel	3	150	5
I05SU121AK11	Fine gravel	3	200	10
I05TE101AK11	Fine gravel	4	50	15
I05TE131AK21	Fine gravel	5	600	10
N02OR121AK41	Fine gravel	2	10	13
P02SO231AK11	Fine gravel	2	6,5	4,5
P02SO233AK11	Fine gravel	2	7,5	7,5
P02SO251AK21	Fine gravel	1	60	7
H02PJ031MA11	Large stones	3	35	25
H02WN031MA11	Large stones	4	300	15
H03AB031MA11	Large stones	4	70	10
H03AP051MA11	Large stones	4	400	50
H03BC021MA11	Large stones	3	350	20
H03HC041MA11	Large stones	3	30	25
H03TC031MA11	Large stones	2	150	15
I02BH033MA11	Large stones	2	15	15
I02GA053MA11	Large stones	1	25	35
I02GA121MA11	Large stones	1	20	20
I02KO141MA12	Large stones	1	150	20
I02NI033MA11	Large stones	6	100	0,1
I02NI121MA11	Large stones	5	50	10
I02PI023MA11	Large stones	1	200	30
I02PI033MA21	Large stones	1	250	45
I02PI053MA31	Large stones	1	400	40
I02PI091MA11	Large stones	4	50	20
I02PI101MA12	Large stones	1	50	25
I02RA131MA11	Large stones	4	20	15
I02RA141MA12	Large stones	1	20	20
I02SU033MA11	Large stones	3	40	10
I02SU073MA21	Large stones	3	30	12
I02SU083MA31	Large stones	3	50	15
I02SU151MA11	Large stones	6	30	0,1
I02SU161MA21	Large stones	1	20	15
I05YA023MA11	Large stones	2	200	20
I05YA043MA31	Large stones	2	200	15
I05YA053MA41	Large stones	2	150	20
I05YA063MA51	Large stones	2	150	20
N02YA021MA11	Large stones	3	230	15
N03GH171MA51	Large stones	3	45	15
N03PU131MA31	Large stones	1	15	40

Sampling code	Substrate	Current class	Distance to shore ((cm))	Depth (cm)
N03RO061MA21	Large stones	2	10	14
P02SO343MA11	Large stones	3	10	25
P04JL261MA21	Large stones	3	15	30
P04KN071MA11	Large stones	2	17,5	11,5
B01BO031PE11	Mud	2	150	50
B01LO031PE11	Mud	1	150	40
B01TJ031PE11	Mud	2	400	90
B01TJ041PE21	Mud	2	400	90
B01TJ051PE31	Mud	2	400	90
B01BO041PS11	Sand	2	150	100
B01CH031PS11	Sand	2	250	30
B01TJ061PS11	Sand	2	400	90
B01TJ071PS21	Sand	2	400	90
I05AS061PS11	Sand	2	150	35
I05DP021PS11	Sand	3	150	25
I05DP031PS21	Sand	4	200	30
I05RY031PS11	Sand	2	25	10
I05SO043PS11	Sand	3	100	30
I05SU083PS11	Sand	3	150	25
I05SU131PS11	Sand	3	100	20
I05SU141PS21	Sand	3	200	30
I05SU151PS31	Sand	3	250	60
I05TE091PS11	Sand	3	100	20
I05TE111PS21	Sand	2	250	10
I05TU033PS11	Sand	3	20	25
I05TU043PS21	Sand	3	40	30
I05TU071PS11	Sand	3	25	10
N03MA101PS11	Sand	2	15	8
H02LT021ME11	Small stones	3	300	20
H02PJ043ME11	Small stones	4	50	10
H02PM021ME11	Small stones	3	35	25
H02SB021ME11	Small stones	2	300	6
H02WN053ME11	Small stones	4	70	10
H03AP061ME11	Small stones	3	250	25
H03AP071ME11	Small stones	3	600	50
H03HC031ME11	Small stones	3	200	20
I02BH063ME11	Small stones	2	35	10
I02BH073ME11	Small stones	4	30	0,1
I02BH201ME11	Small stones	5	50	10
I02GA131ME11	Small stones	4	5	5
I02GO071ME11	Small stones	3	750	19,9
I02KO053ME11	Small stones	3	100	0,1
I02KO073ME21	Small stones	2	250	10
I02NI043ME11	Small stones	1	50	10
I02NI053ME21	Small stones	1	30	5
I02NI131ME11	Small stones	1	5	20
I02PI111ME11	Small stones	5	100	40
I02RA023ME11	Small stones	6	50	15
I02RA033ME21	Small stones	6	70	15
I02SU043ME11	Small stones	4	20	15
I02SU141ME11	Small stones	6	10	7
I05SO091ME11	Small stones	2	250	5
I05SU161ME11	Small stones	3	150	50

Sampling code	Substrate	Current class	Distance to shore ((cm))	Depth (cm)
I05TE121ME11	Small stones	5	400	20
I05YA081ME11	Small stones	4	200	50
N02KH041ME21	Small stones	4	510	25
N02OR101ME31	Small stones	2	20	5
N02OR111ME41	Small stones	2	15	5
N02PU031ME11	Small stones	3	40	8
N02YA241ME51	Small stones	3	170	8
N03GH151ME41	Small stones	3	120	30
N03MA111ME21	Small stones	2	150	14
N03MA121ME31	Small stones	2	50	10
N03RO041ME11	Small stones	3	20	12
N03RO201ME51	Small stones	2	100	5
P02SO223ME11	Small stones	3	11,5	20
P04JL231ME11	Small stones	2	9,6	10
P04JL251ME11	Small stones	3	13,3	18,3
P04JL253ME11	Small stones	3	4	20
P04KN023ME11	Small stones	3	10	24
P04KN051ME11	Small stones	3	15	20
H02PJ021MP11	Waterplants	3	100	50
I05BE033MP11	Waterplants	3	20	10
I05BE063MP21	Waterplants	3	15	8
I05KO041MP11	Waterplants	3	100	50
I05SU073MP11	Waterplants	3	100	5
I05SU103MP21	Waterplants	3	80	10
I05SU113MP31	Waterplants	3	120	5
I05TU023MP11	Waterplants	2	100	5
I05TU063MP21	Waterplants	2	80	8
I05TU081MP11	Waterplants	2	10	5
I05SU111XY11	Wood	3	300	10
I05TE033XY11	Wood	2	20	10
I05TE063XY11	Wood	2	30	10
I05TE063XY21	Wood	2	30	10
I05TE141XY11	Wood	3	400	25
I05TU053XY11	Wood	2	10	15
I05TU063XY21	Wood	2	20	10

Appendix 2_4: PCA input sheets, mountains. D_FOR = % deciduous forest catchemnt, C_FOR = 5 coniferuous forest catchment, FOR = % forest catchment, N_UNV = % natural unvegetated, CROP = % cropland catchment, PAST = % pasture catchment, O_GRAS = % open grassland, LUI = Landuse Index, S_ZEN = % shading at zenith, R_BED = removal mineral bed material.

sample code	D_FOR	C_FOR	FOR	N_UNV	CROP	PAST	O_GRA	LUI	S_ZEN	R_BED
H02AN011	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
H02AN013	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
H02BT013	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
H02CG011	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,30
H02CG013	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,30
H02LT011	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
H02LT013	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
H02PC011	1,57	0,00	1,57	0,00	0,00	0,00	0,00	0,00	0,00	0,30
H02PC013	1,57	0,00	1,57	0,00	0,00	0,00	0,00	0,00	0,00	0,30
H02PC021	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,30
H02PD011	0,00	0,00	0,00	0,00	0,00	0,00	0,00	1,57	0,00	0,30
H02PD013	0,00	0,00	0,00	0,00	0,00	0,00	0,00	1,57	0,00	0,30
H02PD021	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,30
H02PD023	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,30
H02PJ011	0,00	0,58	0,58	0,00	0,00	0,00	0,00	0,00	0,89	0,30
H02PJ013	0,00	0,58	0,58	0,00	0,00	0,00	0,00	0,00	0,89	0,30
H02PM011	0,99	0,00	1,57	0,00	0,00	0,00	0,00	0,00	1,11	0,00
H02PM013	0,99	0,00	1,57	0,00	0,00	0,00	0,00	0,00	1,11	0,00
H02PP011	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,30
H02PP013	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,30
H02SB011	0,68	0,00	0,68	0,00	0,00	0,00	0,58	0,00	0,00	0,00
H02SB013	0,68	0,00	0,68	0,00	0,00	0,00	0,58	0,00	0,00	0,00
H02SK011	0,32	0,00	0,58	0,00	0,00	0,00	0,00	0,00	0,46	0,00
H02SK013	0,32	0,00	0,58	0,00	0,00	0,00	0,00	0,00	0,46	0,00
H02TD011	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,89	0,00
H02TD013	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,89	0,00
H02TT011	0,32	0,00	1,11	0,00	0,00	0,00	0,00	0,00	0,46	0,00
H02TT013	0,32	0,00	1,11	0,00	0,00	0,00	0,00	0,00	0,46	0,00
H02WA011	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
H02WA013	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
H02WM011	1,57	0,00	1,57	0,00	0,00	0,00	0,00	0,00	0,46	0,00
H02WM013	1,57	0,00	1,57	0,00	0,00	0,00	0,00	0,00	0,46	0,00
H02WN011	1,57	0,00	1,57	0,00	0,00	0,00	0,00	0,00	0,00	0,00
H02WN013	1,57	0,00	1,57	0,00	0,00	0,00	0,00	0,00	0,00	0,00
H03AB011	0,00	1,57	1,57	0,00	0,00	0,00	0,00	0,00	0,46	0,00
H03AB013	0,00	1,57	1,57	0,00	0,00	0,00	0,00	0,00	0,46	0,00
H03AG011	0,00	0,00	0,00	0,00	0,58	0,00	0,00	0,40	0,00	0,30
H03AG013	0,00	0,00	0,00	0,00	0,58	0,00	0,00	0,40	0,00	0,30

sample code	D_FOR	C_FOR	FOR	N_UNV	CROP	PAST	O_GRA	LUI	S_ZEN	R_BED
H03AG021	0,00	0,00	0,00	0,00	0,58	0,00	0,00	0,40	0,00	0,30
H03AI011	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,68	0,00
H03AI013	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,68	0,00
H03AN011	0,00	1,57	1,57	0,00	0,00	0,00	0,00	0,00	0,46	0,00
H03AN013	0,00	1,57	1,57	0,00	0,00	0,00	0,00	0,00	0,46	0,00
H03AP011	0,00	0,00	0,00	0,00	0,99	0,00	0,00	0,63	0,00	0,00
H03AP023	0,00	0,00	0,00	0,00	0,89	0,00	0,00	0,58	0,00	0,00
H03AP031	0,00	0,58	0,58	0,00	0,99	0,00	0,00	0,63	0,00	0,00
H03AP041	0,00	0,58	0,58	0,00	0,99	0,00	0,00	0,63	0,00	0,00
H03BC011	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
H03HC011	0,00	1,57	1,57	0,00	0,00	0,00	0,00	0,00	1,11	0,00
H03HC013	0,00	1,57	1,57	0,00	0,00	0,00	0,00	0,00	1,11	0,00
H03HL011	0,00	0,00	0,00	0,00	0,46	0,00	0,00	0,32	0,00	0,30
H03HL013	0,00	0,00	0,00	0,00	0,46	0,00	0,00	0,32	0,00	0,30
H03TB011	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,46	0,30
H03TB021	0,00	0,00	0,00	0,00	0,00	0,00	0,00	1,57	0,00	0,30
H03TC011	0,00	1,57	1,57	0,00	0,00	0,00	0,00	0,00	0,68	0,00
H03TC013	0,00	1,57	1,57	0,00	0,00	0,00	0,00	0,00	0,68	0,00
H03TD011	0,00	0,00	0,00	0,00	0,32	0,00	0,00	1,35	0,00	0,00
H03TD013	0,00	0,00	0,00	0,00	0,32	0,00	0,00	1,35	0,00	0,00
H03TD021	0,00	0,68	1,11	0,00	0,00	0,00	0,00	0,00	0,46	0,00
H03TD023	0,00	0,68	1,11	0,00	0,00	0,00	0,00	0,00	0,46	0,00
H03TM011	0,00	0,00	0,32	0,00	0,00	0,00	0,00	1,25	0,68	0,00
H03TM013	0,00	0,00	0,32	0,00	0,00	0,00	0,00	1,25	0,68	0,00
H03TO011	0,00	0,00	0,00	0,00	0,79	0,00	0,00	1,05	0,00	0,30
H03TO013	0,00	0,00	0,00	0,00	0,79	0,00	0,00	1,05	0,00	0,30
H03TS011	0,00	0,00	0,00	0,00	0,00	0,00	0,00	1,57	0,00	0,30
H03TS013	0,00	0,00	0,00	0,00	0,00	0,00	0,00	1,57	0,00	0,30
H03TS021	0,00	0,00	0,00	0,00	0,00	0,00	0,00	1,57	1,11	0,00
H03TT011	0,00	0,99	0,99	0,00	0,00	0,00	0,00	0,00	0,46	0,00
H03TT013	0,00	0,99	0,99	0,00	0,00	0,00	0,00	0,00	0,46	0,00
H03TZ011	0,00	0,00	0,00	0,00	0,00	0,00	0,00	1,57	0,00	0,30
H03TZ013	0,00	0,00	0,00	0,00	0,00	0,00	0,00	1,57	0,00	0,30
H03WL011	0,89	0,00	0,89	0,00	0,00	0,32	0,00	0,00	0,68	0,00
H03WL031	1,57	0,00	1,57	0,00	0,00	0,00	0,00	0,00	1,11	0,00
I02AD013	0,00	0,00	0,32	0,68	0,00	0,00	0,00	0,00	0,00	0,30
I02AD051	0,00	0,00	0,32	0,68	0,00	0,00	0,00	0,00	0,00	0,30
I02BH013	0,00	0,00	0,00	1,57	0,00	0,00	0,00	0,00	0,00	0,00

sample code	D_FOR	C_FOR	FOR	N_UNV	CROP	PAST	O_GRA	LUI	S_ZEN	R_BED
N02DH013	1,57	0,00	1,57	0,00	0,00	0,00	0,00	0,00	0,00	0,00
N02KH011	0,00	0,00	0,00	0,00	0,00	0,00	1,57	0,00	0,00	0,00
N02KH013	0,00	0,00	0,00	0,00	0,00	0,00	1,57	0,00	0,00	0,00
N02KH021	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,32	0,00	0,00
N02KH031	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,30
N02KH033	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,30
N02MO011	0,00	0,00	0,00	1,57	0,00	0,00	0,00	0,00	0,00	0,00
N02MO013	0,00	0,00	0,00	1,57	0,00	0,00	0,00	0,00	0,00	0,00
N02OR011	0,00	0,00	0,00	0,00	0,00	0,00	1,57	0,00	0,00	0,00
N02OR013	0,00	0,00	0,00	0,00	0,00	0,00	1,57	0,00	0,00	0,00
N02OR021	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
N02OR023	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
N02PA011	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,46	0,00
N02PA013	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,46	0,00
N02PA021	0,00	0,00	0,00	0,00	0,00	0,00	0,00	1,57	0,46	0,00
N02PA023	0,00	0,00	0,00	0,00	0,00	0,00	0,00	1,57	0,46	0,00
N02PH011	0,00	0,00	0,00	0,00	0,00	0,00	0,79	0,00	0,89	0,00
N02PH013	0,00	0,00	0,00	0,00	0,00	0,00	0,79	0,00	0,89	0,00
N02PH021	0,00	0,00	0,00	0,89	0,00	0,00	0,68	0,00	0,00	0,00
N02PH023	0,00	0,00	0,00	0,89	0,00	0,00	0,68	0,00	0,00	0,00
N02PH031	0,00	0,00	0,00	0,00	0,00	0,00	1,57	0,00	0,00	0,00
N02PH033	0,00	0,00	0,00	0,00	0,00	0,00	1,57	0,00	0,00	0,00
N02PU011	0,00	0,00	0,00	1,11	0,00	0,32	0,32	0,00	0,00	0,00
N02PU013	0,00	0,00	0,00	1,11	0,00	0,32	0,32	0,00	0,00	0,00
N02YA011	0,79	0,00	0,79	0,00	0,00	0,00	0,79	0,00	0,68	0,00
N02YA013	0,79	0,00	0,79	0,00	0,00	0,00	0,79	0,00	0,68	0,00
N02YA021	0,00	0,00	0,00	0,79	0,00	0,00	0,79	0,00	0,00	0,30
N02YA023	0,00	0,00	0,00	0,79	0,00	0,00	0,79	0,00	0,00	0,30
N03CH011	1,57	0,00	1,57	0,00	0,00	0,00	0,00	0,00	1,57	0,00
N03CH013	1,57	0,00	1,57	0,00	0,00	0,00	0,00	0,00	1,57	0,00
N03CH021	0,89	0,00	0,89	0,00	0,58	0,00	0,32	0,40	0,00	0,00
N03CH023	0,89	0,00	0,89	0,00	0,58	0,00	0,32	0,40	0,00	0,00
N03GH011	0,00	0,00	0,00	0,00	0,00	0,00	1,57	0,00	0,46	0,00
N03GH013	0,00	0,00	0,00	0,00	0,00	0,00	1,57	0,00	0,46	0,00
N03GH021	0,00	0,68	0,99	0,00	0,00	0,46	0,00	0,00	0,00	0,00
N03GH023	0,00	0,68	0,99	0,00	0,00	0,46	0,00	0,00	0,00	0,00
N03GH031	0,00	0,68	0,68	0,79	0,00	0,00	0,00	0,00	0,00	0,00
N03GH033	0,00	0,68	0,68	0,79	0,00	0,00	0,00	0,00	0,00	0,00

sample code	D_FOR	C_FOR	FOR	N_UNV	CROP	PAST	O_GRA	LUI	S_ZEN	R_BED
N03MA011	0,68	0,00	0,68	0,00	0,00	0,00	0,89	0,00	0,00	0,00
N03MA013	0,68	0,00	0,68	0,00	0,00	0,00	0,89	0,00	0,00	0,00
N03MA021	0,00	0,00	0,00	0,32	0,00	0,32	1,11	0,00	0,46	0,00
N03MA023	0,00	0,00	0,00	0,32	0,00	0,32	1,11	0,00	0,46	0,00
N03MA031	0,00	0,00	0,89	0,00	0,00	0,00	0,32	0,00	0,68	0,00
N03MA033	0,00	0,00	0,89	0,00	0,00	0,00	0,32	0,00	0,68	0,00
N03PU011	0,00	0,00	1,57	0,00	0,00	0,00	0,00	0,00	0,68	0,00
N03PU013	0,00	0,00	1,57	0,00	0,00	0,00	0,00	0,00	0,68	0,00
N03PU021	0,00	0,00	0,00	0,00	1,57	0,00	0,00	0,79	0,46	0,00
N03PU023	0,00	0,00	0,00	0,00	1,57	0,00	0,00	0,79	0,46	0,00
N03PU031	0,32	0,00	0,32	0,00	0,99	0,00	0,32	0,74	0,89	0,00
N03PU033	0,32	0,00	0,32	0,00	0,99	0,00	0,32	0,74	0,89	0,00
N03PU041	0,00	0,00	0,00	0,00	0,99	0,00	0,32	0,84	0,00	0,00
N03PU043	0,00	0,00	0,00	0,00	0,99	0,00	0,32	0,84	0,00	0,00
N03PU051	0,00	0,00	0,00	0,00	0,00	0,00	0,32	0,00	0,00	0,00
N03PU053	0,00	0,00	0,00	0,00	0,00	0,00	0,32	0,00	0,00	0,00
N03RO011	1,57	0,00	1,57	0,00	0,00	0,00	0,00	0,00	1,57	0,00
N03RO013	1,57	0,00	1,57	0,00	0,00	0,00	0,00	0,00	1,57	0,00
N03RO021	0,32	0,00	0,32	0,00	0,89	0,00	0,32	0,68	0,46	0,00
N03RO023	0,32	0,00	0,32	0,00	0,89	0,00	0,32	0,68	0,46	0,00
N03RO031	0,32	0,00	0,32	0,00	1,25	0,00	0,00	0,74	0,00	0,00
N03RO033	0,32	0,00	0,32	0,00	1,25	0,00	0,00	0,74	0,00	0,00
N03RO041	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,79	0,00	0,00
N03RO043	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,79	0,00	0,00
P02BR011	0,32	0,00	0,32	0,32	0,99	0,32	0,00	0,63	0,00	0,00
P02BR013	0,32	0,00	0,32	0,32	0,99	0,32	0,00	0,63	0,00	0,00
P02BR021	0,32	0,00	0,46	0,46	0,79	0,32	0,00	0,52	0,00	0,00
P02BR023	0,32	0,00	0,46	0,46	0,79	0,32	0,00	0,52	0,00	0,00
P02BR031	0,32	0,00	0,46	0,32	0,89	0,32	0,00	0,58	0,00	0,00
P02BR033	0,32	0,00	0,46	0,32	0,89	0,32	0,00	0,58	0,00	0,00
P02BR041	0,32	0,00	0,32	0,32	0,89	0,46	0,00	0,58	0,68	0,00
P02BR043	0,32	0,00	0,32	0,32	0,89	0,46	0,00	0,58	0,68	0,00
P02BR051	0,32	0,00	0,46	0,32	0,89	0,32	0,00	0,58	0,00	0,00
P02BR053	0,32	0,00	0,46	0,32	0,89	0,32	0,00	0,58	0,00	0,00
P02BR061	0,32	0,00	0,46	0,32	0,79	0,32	0,32	0,52	0,68	0,00
P02BR063	0,32	0,00	0,46	0,32	0,79	0,32	0,32	0,52	0,68	0,00
P02BR071	0,00	0,32	0,32	0,00	1,25	0,00	0,00	0,74	0,00	0,00
P02BR073	0,00	0,32	0,32	0,00	1,25	0,00	0,00	0,74	0,00	0,00

sample code	D_FOR	C_FOR	FOR	N_UNV	CROP	PAST	O_GRA	LUI	S_ZEN	R_BED
P02BR081	0,46	0,00	0,68	0,32	0,58	0,32	0,00	0,40	0,00	0,00
P02BR083	0,46	0,00	0,68	0,32	0,58	0,32	0,00	0,40	0,00	0,00
P02BR091	0,46	0,00	0,68	0,46	0,32	0,32	0,00	0,23	1,11	0,00
P02BR093	0,46	0,00	0,68	0,46	0,32	0,32	0,00	0,23	1,11	0,00
P02BR101	0,32	0,00	0,58	0,32	0,68	0,46	0,00	0,46	0,00	0,00
P02BR103	0,32	0,00	0,58	0,32	0,68	0,46	0,00	0,46	0,00	0,00
P02BR111	0,79	0,00	0,79	0,46	0,32	0,32	0,00	0,23	0,00	0,00
P02BR113	0,79	0,00	0,79	0,46	0,32	0,32	0,00	0,23	0,00	0,00
P02BR121	0,00	0,79	0,79	0,46	0,32	0,32	0,00	0,23	0,89	0,00
P02BR123	0,00	0,79	0,79	0,46	0,32	0,32	0,00	0,23	0,89	0,00
P02BR131	0,32	0,32	0,58	0,32	0,32	0,46	0,00	0,23	0,00	0,00
P02BR133	0,32	0,32	0,58	0,32	0,32	0,46	0,00	0,23	0,00	0,00
P02BR141	0,32	0,32	0,58	0,32	0,32	0,46	0,00	0,23	0,46	0,00
P02BR143	0,32	0,32	0,58	0,32	0,32	0,46	0,00	0,23	0,46	0,00
P02BR151	0,58	0,46	0,89	0,32	0,46	0,32	0,00	0,32	1,11	0,00
P02BR153	0,58	0,46	0,89	0,32	0,46	0,32	0,00	0,32	1,11	0,00
P02BR161	0,00	0,00	0,32	0,00	1,11	0,00	0,32	0,68	0,00	0,00
P02BR163	0,00	0,00	0,32	0,00	1,11	0,00	0,32	0,68	0,00	0,00
P02KN143	0,32	0,46	0,58	0,79	0,32	0,32	0,00	0,23	0,00	0,00
P02SO171	0,32	0,00	0,46	0,46	0,46	0,46	0,46	0,32	0,00	0,00
P02SO173	0,32	0,00	0,46	0,46	0,46	0,46	0,46	0,32	0,00	0,00
P02SO181	0,00	0,00	0,46	0,32	0,00	0,00	0,32	0,89	0,00	0,00
P02SO191	0,00	0,00	0,00	0,00	0,00	0,32	0,00	0,00	0,00	0,00
P02SO211	0,68	0,00	0,68	0,32	0,32	0,32	0,46	0,40	0,46	0,00
P02SO241	0,46	0,00	0,68	0,00	0,58	0,00	0,46	0,52	0,00	0,00
P02SO261	0,32	0,00	0,58	0,46	0,32	0,32	0,58	0,23	0,00	0,30
P02SO291	0,32	0,58	0,89	0,32	0,58	0,00	0,00	0,40	0,68	0,00
P02SO321	0,58	0,99	1,57	0,00	0,00	0,00	0,00	0,00	1,11	0,00
P04JL151	0,58	0,00	0,89	0,32	0,00	0,32	0,46	0,00	0,00	0,00
P04JL153	0,58	0,00	0,89	0,32	0,00	0,32	0,46	0,00	0,00	0,00
P04JL161	0,32	0,32	0,89	0,46	0,32	0,32	0,00	0,23	0,00	0,00
P04JL163	0,32	0,32	0,89	0,46	0,32	0,32	0,00	0,23	0,00	0,00
P04JL171	0,32	0,32	0,89	0,46	0,32	0,32	0,00	0,23	0,00	0,00
P04JL173	0,32	0,32	0,89	0,46	0,32	0,32	0,00	0,23	0,00	0,00
P04JL181	0,46	0,00	0,79	0,46	0,32	0,32	0,00	0,23	0,00	0,00
P04JL183	0,46	0,00	0,79	0,46	0,32	0,32	0,00	0,23	0,00	0,00
P04JL191	0,46	0,32	0,89	0,32	0,32	0,32	0,00	0,23	0,00	0,00
P04JL193	0,46	0,32	0,89	0,32	0,32	0,32	0,00	0,23	0,00	0,00

sample code	D_FOR	C_FOR	FOR	N_UNV	CROP	PAST	O_GRA	LUI	S_ZEN	R_BED
P04JL221	0,46	0,32	0,79	0,46	0,32	0,32	0,32	0,23	0,00	0,00
P04JL223	0,46	0,32	0,79	0,46	0,32	0,32	0,32	0,23	0,00	0,00
P04JL241	0,46	0,32	0,79	0,46	0,46	0,00	0,00	0,32	0,00	0,00
P04JL243	0,46	0,32	0,79	0,46	0,46	0,00	0,00	0,32	0,00	0,00
P04KN011	0,58	0,00	0,68	0,58	0,58	0,00	0,00	0,40	0,00	0,30
P04KN013	0,58	0,00	0,68	0,58	0,58	0,00	0,00	0,40	0,00	0,30
P04KN041	0,46	0,46	0,79	0,46	0,32	0,32	0,32	0,23	0,68	0,00
P04KN043	0,46	0,46	0,79	0,46	0,32	0,32	0,32	0,23	0,68	0,00
P04KN091	0,46	0,00	0,79	0,46	0,46	0,32	0,00	0,32	0,00	0,00
P04KN093	0,46	0,00	0,79	0,46	0,46	0,32	0,00	0,32	0,00	0,00
P04KN101	0,58	0,46	0,89	0,32	0,46	0,32	0,00	0,32	0,00	0,00
P04KN103	0,58	0,46	0,89	0,32	0,46	0,32	0,00	0,32	0,00	0,00
P04KN111	0,58	0,46	0,89	0,32	0,32	0,32	0,00	0,23	0,00	0,00
P04KN113	0,58	0,46	0,89	0,32	0,32	0,32	0,00	0,23	0,00	0,00
P04KN121	0,32	0,46	0,68	0,32	0,58	0,32	0,32	0,40	0,00	0,00
P04KN123	0,32	0,46	0,68	0,32	0,58	0,32	0,32	0,40	0,00	0,00
P04KN131	0,32	0,32	0,58	0,32	0,79	0,32	0,00	0,52	0,00	0,30
P04KN133	0,32	0,32	0,58	0,32	0,79	0,32	0,00	0,52	0,00	0,30
P04KN141	0,32	0,46	0,58	0,79	0,32	0,32	0,00	0,23	0,00	0,00
P04NL201	0,46	0,00	0,89	0,46	0,32	0,00	0,00	0,40	0,00	0,30
P04NL203	0,46	0,00	0,89	0,46	0,32	0,00	0,00	0,40	0,00	0,30
P04NL211	0,46	0,00	0,79	0,46	0,46	0,32	0,00	0,32	0,00	0,30
P04NL211	0,46	0,00	0,79	0,46	0,46	0,32	0,00	0,32	0,00	0,30
P04NL211	0,46	0,00	0,79	0,46	0,46	0,32	0,00	0,32	0,00	0,30
P04NL213	0,46	0,00	0,79	0,46	0,46	0,32	0,00	0,32	0,00	0,30

W_RIP = % riparian wooded vegetation, BA_FIX = % bank fixation, BE_FIX = % bed fixation, R_VEG = removal lack of natural floodplain vegetation, F_TYP = number flow types, HYI = Hydromorhology Index, NS_POL = non-source pollution, S_OVE = sewage overflows, EUT = eutrophication, W_USE = number water uses.

sample code	W_RIP	BA_FIX	BE_FIX	R_VEG	F_TYP	HYI	NS_POL	S_OVE	EUT	W_USE
H02AN011	0,00	0,00	0,84	0,00	0,30	0,00	0,30	0,00	0,00	0,48
H02AN013	0,00	0,00	0,84	0,00	0,30	0,00	0,30	0,00	0,00	0,48
H02BT013	0,99	0,00	0,00	0,30	0,30	0,00	0,30	0,30	0,30	0,48
H02CG011	0,00	0,00	1,57	0,30	0,30	0,00	0,00	0,30	0,00	0,00
H02CG013	0,00	0,00	1,57	0,30	0,48	0,00	0,00	0,30	0,00	0,00
H02LT011	0,58	0,00	0,00	0,00	0,70	0,00	0,00	0,00	0,00	0,30
H02LT013	0,58	0,00	0,00	0,00	0,60	0,00	0,00	0,00	0,00	0,48
H02PC011	1,25	0,00	0,00	0,00	0,48	0,00	0,00	0,00	0,00	0,48
H02PC013	1,25	0,00	0,00	0,00	0,30	0,00	0,00	0,00	0,00	0,48
H02PC021	0,32	0,00	0,00	0,30	0,48	0,00	0,30	0,00	0,30	0,48
H02PD011	0,00	1,11	1,57	0,30	0,48	0,00	0,30	0,30	0,30	0,48
H02PD013	0,00	1,11	1,57	0,30	0,30	0,00	0,30	0,30	0,30	0,48
H02PD021	1,11	0,79	0,00	0,30	0,48	0,00	0,30	0,30	0,00	0,48
H02PD023	1,11	0,79	0,00	0,30	0,30	0,00	0,30	0,30	0,00	0,48
H02PJ011	1,11	0,00	0,23	0,30	0,60	0,00	0,00	0,00	0,00	0,00
H02PJ013	1,11	0,00	0,23	0,30	0,60	0,00	0,00	0,00	0,00	0,00
H02PM011	1,57	0,00	0,00	0,00	0,48	0,00	0,00	0,00	0,00	0,60
H02PM013	1,57	0,00	0,00	0,00	0,30	0,00	0,00	0,00	0,00	0,48
H02PP011	0,00	0,79	0,00	0,30	0,48	0,00	0,00	0,00	0,00	0,70
H02PP013	0,00	0,79	0,00	0,30	0,48	0,00	0,00	0,00	0,00	0,48
H02SB011	0,58	0,00	0,32	0,30	0,70	0,00	0,00	0,00	0,00	0,00
H02SB013	0,58	0,00	0,32	0,30	0,30	0,00	0,00	0,00	0,00	0,00
H02SK011	0,99	0,00	0,00	0,30	0,48	0,00	0,30	0,00	0,00	0,48
H02SK013	0,99	0,00	0,00	0,30	0,30	0,00	0,30	0,00	0,00	0,48
H02TD011	1,57	0,00	0,00	0,00	0,48	0,00	0,00	0,00	0,00	0,00
H02TD013	1,57	0,00	0,00	0,00	0,48	0,00	0,00	0,00	0,00	0,00
H02TT011	0,99	0,00	0,00	0,00	0,70	0,00	0,00	0,00	0,00	0,00
H02TT013	0,99	0,00	0,00	0,00	0,48	0,00	0,00	0,00	0,00	0,00
H02WA011	0,32	0,00	0,32	0,30	0,70	0,00	0,30	0,00	0,00	0,48
H02WA013	0,32	0,00	0,32	0,30	0,48	0,00	0,30	0,00	0,00	0,48
H02WM011	0,46	0,00	0,00	0,00	0,78	0,00	0,00	0,00	0,00	0,30
H02WM013	0,46	0,00	0,00	0,00	0,70	0,00	0,00	0,00	0,00	0,30
H02WN011	0,46	0,00	0,00	0,00	0,48	0,00	0,00	0,00	0,00	0,00
H02WN013	0,46	0,00	0,00	0,00	0,48	0,00	0,00	0,00	0,00	0,00
H03AB011	0,89	0,00	0,00	0,30	0,60	1,25	0,00	0,00	0,00	0,48
H03AB013	0,89	0,00	0,00	0,30	0,60	1,25	0,00	0,00	0,00	0,48
H03AG011	0,00	0,32	0,40	0,30	0,30	0,94	0,30	0,00	0,00	0,48
H03AG013	0,00	0,32	0,40	0,30	0,30	0,94	0,30	0,00	0,00	0,48

sample code	W_RIP	BA_FIX	BE_FIX	R_VEG	F_TYP	HYI	NS_POL	S_OVE	EUT	W_USE
H03AG021	0,00	0,32	0,40	0,30	0,30	0,94	0,30	0,00	0,00	0,48
H03AI011	0,79	0,00	0,00	0,30	0,60	1,21	0,30	0,00	0,00	0,30
H03AI013	0,79	0,00	0,00	0,30	0,48	1,21	0,30	0,00	0,00	0,00
H03AN011	1,57	0,00	0,00	0,00	0,48	1,57	0,00	0,00	0,00	0,48
H03AN013	1,57	0,00	0,00	0,00	0,60	1,57	0,00	0,00	0,00	0,00
H03AP011	0,79	0,00	0,23	0,30	0,30	0,89	0,30	0,00	0,30	0,48
H03AP023	0,68	0,00	0,00	0,30	0,48	1,17	0,00	0,30	0,30	0,60
H03AP031	0,46	0,00	0,00	0,30	0,48	1,11	0,00	0,00	0,00	0,00
H03AP041	0,68	0,32	0,58	0,30	0,30	0,71	0,00	0,00	0,00	0,48
H03BC011	0,58	0,00	0,00	0,30	0,48	1,14	0,30	0,00	0,00	0,00
H03HC011	0,99	0,00	0,00	0,00	0,48	1,29	0,00	0,00	0,00	0,30
H03HC013	0,99	0,00	0,00	0,00	0,60	1,29	0,00	0,00	0,00	0,30
H03HL011	0,00	0,32	1,57	0,00	0,30	#ZAHL!	0,30	0,30	0,00	0,00
H03HL013	0,00	0,32	1,57	0,00	0,30	#ZAHL!	0,30	0,30	0,00	0,00
H03TB011	0,58	0,00	0,23	0,30	0,60	0,00	0,30	0,00	0,30	0,48
H03TB021	0,00	0,00	0,00	0,30	0,48	0,00	0,30	0,30	0,30	0,48
H03TC011	1,57	0,00	0,00	0,00	0,78	1,57	0,00	0,00	0,00	0,00
H03TC013	1,57	0,00	0,00	0,00	0,60	1,57	0,00	0,00	0,00	0,00
H03TD011	0,00	0,00	0,00	0,00	0,60	1,05	0,30	0,00	0,00	0,00
H03TD013	0,00	0,00	0,00	0,00	0,60	1,05	0,30	0,00	0,00	0,00
H03TD021	1,57	0,00	0,00	0,00	0,70	1,57	0,00	0,00	0,00	0,00
H03TD023	1,57	0,00	0,00	0,00	0,60	1,57	0,00	0,00	0,00	0,00
H03TM011	0,58	0,00	0,00	0,30	0,48	1,14	0,30	0,30	0,30	0,48
H03TM013	0,58	0,00	0,00	0,30	0,48	1,14	0,30	0,30	0,30	0,48
H03TO011	0,32	0,00	1,17	0,30	0,48	0,63	0,30	0,30	0,30	0,48
H03TO013	0,32	0,00	1,17	0,30	0,48	0,63	0,30	0,30	0,30	0,00
H03TS011	0,32	0,00	1,57	0,30	0,30	0,16	0,30	0,30	0,30	0,48
H03TS013	0,32	0,00	1,57	0,30	0,30	0,16	0,30	0,30	0,30	0,48
H03TS021	0,00	1,57	1,57	0,30	0,30	0,00	0,30	0,30	0,30	0,48
H03TT011	0,58	0,00	0,00	0,30	0,60	1,14	0,30	0,00	0,00	0,00
H03TT013	0,58	0,00	0,00	0,30	0,30	1,14	0,30	0,00	0,00	0,00
H03TZ011	0,32	0,00	1,57	0,30	0,48	0,16	0,30	0,30	0,30	0,00
H03TZ013	0,32	0,00	1,57	0,30	0,30	0,16	0,30	0,30	0,30	0,00
H03WL011	0,89	0,00	0,00	0,00	0,30	1,25	0,00	0,00	0,00	0,48
H03WL031	1,25	0,00	0,00	0,00	0,70	1,41	0,00	0,00	0,00	0,48
I02AD013	0,46	0,00	0,00	0,00	0,60	0,00	0,30	0,30	0,30	0,48
I02AD051	0,46	0,00	0,00	0,00	0,60	0,00	0,30	0,30	0,30	0,48
I02BH013	0,00	0,00	0,00	0,00	0,85	0,00	0,00	0,00	0,00	0,30

sample code	W_RIP	BA_FIX	BE_FIX	R_VEG	F_TYP	HYI	NS_POL	S_OVE	EUT	W_USE
I02BH121	0,00	0,00	0,00	0,00	0,78	0,00	0,00	0,00	0,00	0,30
I02GA013	1,57	0,00	0,63	0,30	0,70	0,00	0,00	0,00	0,30	0,00
I02GA091	1,57	0,00	0,63	0,30	0,78	0,00	0,00	0,00	0,30	0,48
I02GO013	1,25	0,00	1,57	0,30	0,70	0,00	0,30	0,30	0,30	0,60
I02GO041	1,25	0,00	1,57	0,30	0,70	0,00	0,30	0,30	0,30	0,60
I02KA013	1,25	0,00	0,79	0,30	0,70	0,00	0,30	0,00	0,30	0,48
I02KA041	1,25	0,00	0,79	0,30	0,60	0,00	0,30	0,00	0,30	0,00
I02KO013	0,32	0,00	0,00	0,30	0,48	0,00	0,30	0,00	0,30	0,00
I02KO023	0,00	0,00	0,00	0,30	0,70	0,00	0,00	0,00	0,30	0,00
I02KO033	0,79	0,00	0,00	0,30	0,48	0,00	0,30	0,00	0,30	0,00
I02KO043	0,00	0,00	0,23	0,30	0,48	0,00	0,00	0,00	0,00	0,00
I02KO121	0,00	0,00	0,23	0,30	0,48	0,00	0,00	0,00	0,00	0,00
I02KO151	0,79	0,00	0,00	0,30	0,48	0,00	0,30	0,00	0,30	0,60
I02KO201	0,32	0,00	0,00	0,30	0,30	0,00	0,30	0,00	0,30	0,30
I02KO211	0,00	0,00	0,00	0,30	0,60	0,00	0,00	0,00	0,30	0,30
I02NA013	0,32	0,00	0,99	0,30	0,30	0,00	0,30	0,30	0,00	0,00
I02NA051	0,32	0,00	0,99	0,30	0,30	0,00	0,30	0,30	0,00	0,00
I02NI013	0,32	0,00	1,05	0,30	0,30	0,00	0,30	0,30	0,30	0,00
I02NI023	0,32	0,00	1,05	0,30	0,70	0,00	0,30	0,00	0,30	0,00
I02NI111	0,32	0,00	1,05	0,30	0,60	0,00	0,30	0,00	0,30	0,30
I02NI151	0,32	0,00	1,05	0,30	0,48	0,00	0,30	0,30	0,30	0,00
I02PI013	0,79	0,00	0,00	0,00	0,48	0,00	0,00	0,00	0,00	0,48
I02PI081	0,79	0,00	0,00	0,00	0,48	0,00	0,00	0,00	0,00	0,30
I02RA013	0,99	0,00	0,23	0,30	0,70	0,00	0,30	0,30	0,00	0,00
I02RA071	0,99	0,00	0,23	0,30	0,48	0,00	0,30	0,30	0,00	0,30
I02SA013	0,68	0,00	0,79	0,30	0,70	0,00	0,30	0,00	0,30	0,00
I02SA023	0,00	0,00	1,57	0,30	0,30	0,00	0,30	0,30	0,30	0,00
I02SA033	0,99	0,00	0,94	0,30	0,70	0,00	0,30	0,00	0,30	0,00
I02SA121	0,99	0,00	0,94	0,30	0,70	0,00	0,30	0,00	0,30	0,30
I02SA141	0,00	0,00	1,57	0,30	0,48	0,00	0,30	0,30	0,30	0,48
I02SA161	0,68	0,00	0,79	0,30	0,70	0,00	0,30	0,00	0,30	0,30
I02SU013	0,00	0,00	0,00	0,00	0,60	0,00	0,00	0,00	0,00	0,30
I02SU111	0,00	0,00	0,00	0,00	0,78	0,00	0,00	0,00	0,00	0,00
N02BE011	0,00	1,57	1,57	0,00	0,30	0,00	0,30	0,00	0,30	0,00
N02BE013	0,00	1,57	1,57	0,00	0,60	0,00	0,30	0,00	0,30	0,00
N02BI011	0,00	0,00	0,00	0,00	0,30	0,00	0,30	0,00	0,00	0,00
N02BI013	0,00	0,00	0,00	0,00	0,30	0,00	0,30	0,00	0,00	0,00
N02DH011	0,32	0,00	0,00	0,00	0,30	0,00	0,00	0,00	0,00	0,00

sample code	W_RIP	BA_FIX	BE_FIX	R_VEG	F_TYP	HYI	NS_POL	S_OVE	EUT	W_USE
N02DH013	0,32	0,00	0,00	0,00	0,30	0,00	0,00	0,00	0,00	0,00
N02KH011	0,00	0,00	1,57	0,00	0,30	0,00	0,30	0,00	0,30	0,30
N02KH013	0,00	0,00	1,57	0,00	0,30	0,00	0,30	0,00	0,30	0,00
N02KH021	0,00	0,00	0,00	0,00	0,30	0,00	0,30	0,00	0,30	0,00
N02KH031	0,32	0,00	0,00	0,00	0,48	0,00	0,00	0,00	0,00	0,00
N02KH033	0,32	0,00	0,00	0,00	0,60	0,00	0,00	0,00	0,00	0,00
N02MO011	0,00	0,00	1,57	0,00	0,30	0,00	0,00	0,00	0,00	0,30
N02MO013	0,00	0,00	1,57	0,00	0,48	0,00	0,00	0,00	0,00	0,00
N02OR011	0,00	0,00	0,00	0,00	0,30	0,00	0,30	0,00	0,00	0,00
N02OR013	0,00	0,00	0,00	0,00	0,30	0,00	0,30	0,00	0,00	0,00
N02OR021	0,00	0,00	0,00	0,00	0,30	0,00	0,30	0,00	0,30	0,00
N02OR023	0,00	0,00	0,00	0,00	0,30	0,00	0,30	0,00	0,30	0,00
N02PA011	0,79	0,00	0,00	0,00	0,30	0,00	0,00	0,00	0,00	0,00
N02PA013	0,79	0,00	0,00	0,00	0,30	0,00	0,00	0,00	0,00	0,00
N02PA021	0,79	0,00	0,58	0,00	0,30	0,00	0,30	0,30	0,30	0,00
N02PA023	0,79	0,00	0,58	0,00	0,30	0,00	0,30	0,30	0,30	0,00
N02PH011	0,32	0,00	1,57	0,00	0,30	0,00	0,30	0,00	0,00	0,00
N02PH013	0,32	0,00	1,57	0,00	0,48	0,00	0,30	0,00	0,00	0,48
N02PH021	0,00	0,00	1,57	0,00	0,30	0,00	0,30	0,30	0,30	0,00
N02PH023	0,00	0,00	1,57	0,00	0,30	0,00	0,30	0,30	0,30	0,00
N02PH031	0,32	0,00	0,00	0,00	0,48	0,00	0,30	0,30	0,30	0,00
N02PH033	0,32	0,00	0,00	0,00	0,48	0,00	0,30	0,30	0,30	0,30
N02PU011	0,00	0,00	0,00	0,00	0,48	0,00	0,30	0,00	0,00	0,48
N02PU013	0,00	0,00	0,00	0,00	0,30	0,00	0,30	0,00	0,00	0,48
N02YA011	0,32	0,00	0,00	0,00	0,60	0,00	0,00	0,00	0,00	0,00
N02YA013	0,32	0,00	0,00	0,00	0,48	0,00	0,00	0,00	0,00	0,60
N02YA021	0,46	0,00	0,00	0,00	0,30	0,00	0,30	0,00	0,00	0,00
N02YA023	0,46	0,00	0,00	0,00	0,60	0,00	0,30	0,00	0,00	0,60
N03CH011	1,25	0,00	0,00	0,00	0,48	0,00	0,00	0,00	0,00	0,30
N03CH013	1,25	0,00	0,00	0,00	0,48	0,00	0,00	0,00	0,00	0,30
N03CH021	0,32	0,00	0,00	0,00	0,60	0,00	0,30	0,00	0,00	0,48
N03CH023	0,32	0,00	0,00	0,00	0,60	0,00	0,30	0,00	0,00	0,00
N03GH011	0,46	0,00	0,00	0,00	0,48	0,00	0,00	0,00	0,00	0,30
N03GH013	0,46	0,00	0,00	0,00	0,30	0,00	0,00	0,00	0,00	0,30
N03GH021	0,46	1,57	1,57	0,00	0,30	0,00	0,00	0,00	0,00	0,30
N03GH023	0,46	1,57	1,57	0,00	0,30	0,00	0,00	0,00	0,00	0,30
N03GH031	0,58	0,00	0,00	0,00	0,30	0,00	0,00	0,00	0,00	0,00
N03GH033	0,58	0,00	0,00	0,00	0,30	0,00	0,00	0,00	0,00	0,00

sample code	W_RIP	BA_FIX	BE_FIX	R_VEG	F_TYP	HYI	NS_POL	S_OVE	EUT	W_USE
N03MA011	0,89	0,00	0,00	0,00	0,60	0,00	0,00	0,00	0,00	0,30
N03MA013	0,89	0,00	0,00	0,00	0,48	0,00	0,00	0,00	0,00	0,30
N03MA021	0,46	0,00	0,00	0,00	0,48	0,00	0,00	0,00	0,00	0,48
N03MA023	0,46	0,00	0,00	0,00	0,30	0,00	0,00	0,00	0,00	0,48
N03MA031	1,11	0,00	0,00	0,00	0,48	0,00	0,30	0,00	0,30	0,48
N03MA033	1,11	0,00	0,00	0,00	0,48	0,00	0,30	0,00	0,30	0,48
N03PU011	1,11	0,00	0,00	0,00	0,60	0,00	0,00	0,00	0,00	0,48
N03PU013	1,11	0,00	0,00	0,00	0,60	0,00	0,00	0,00	0,00	0,48
N03PU021	0,32	0,00	1,57	0,00	0,30	0,00	0,30	0,00	0,00	0,48
N03PU023	0,32	0,00	1,57	0,00	0,30	0,00	0,30	0,00	0,00	0,30
N03PU031	0,58	0,00	0,32	0,00	0,48	0,00	0,30	0,30	0,30	0,48
N03PU033	0,58	0,00	0,32	0,00	0,30	0,00	0,30	0,30	0,30	0,60
N03PU041	0,32	0,00	0,00	0,00	0,30	0,00	0,30	0,30	0,30	0,48
N03PU043	0,32	0,00	0,00	0,00	0,48	0,00	0,30	0,30	0,30	0,48
N03PU051	0,32	0,00	0,32	0,00	0,30	0,00	0,30	0,00	0,30	0,48
N03PU053	0,32	0,00	0,32	0,00	0,48	0,00	0,30	0,00	0,30	0,30
N03RO011	1,57	0,00	0,00	0,00	0,60	0,00	0,00	0,00	0,00	0,30
N03RO013	1,57	0,00	0,00	0,00	0,30	0,00	0,00	0,00	0,00	0,30
N03RO021	0,00	0,00	0,00	0,00	0,30	0,00	0,00	0,00	0,00	0,48
N03RO023	0,00	0,00	0,00	0,00	0,30	0,00	0,00	0,00	0,00	0,48
N03RO031	0,68	0,00	0,00	0,00	0,30	0,00	0,30	0,30	0,30	0,00
N03RO033	0,68	0,00	0,00	0,00	0,60	0,00	0,30	0,30	0,30	0,48
N03RO041	0,32	0,00	0,00	0,30	0,48	0,00	0,30	0,30	0,30	0,30
N03RO043	0,32	0,00	0,00	0,30	0,48	0,00	0,30	0,30	0,30	0,30
P02BR011	0,89	0,32	0,79	0,00	0,48	0,00	0,30	0,00	0,30	0,48
P02BR013	0,89	0,32	0,79	0,00	0,48	0,00	0,30	0,00	0,30	0,30
P02BR021	0,32	0,00	0,00	0,00	0,48	0,00	0,30	0,00	0,30	0,48
P02BR023	0,32	0,00	0,00	0,00	0,60	0,00	0,30	0,00	0,30	0,30
P02BR031	0,46	0,00	0,00	0,30	0,30	0,00	0,30	0,30	0,30	0,48
P02BR033	0,46	0,00	0,00	0,30	0,60	0,00	0,30	0,30	0,30	0,30
P02BR041	1,25	0,00	0,00	0,30	0,30	0,00	0,00	0,30	0,30	0,48
P02BR043	1,25	0,00	0,00	0,30	0,30	0,00	0,00	0,30	0,30	0,30
P02BR051	0,99	0,00	0,00	0,30	0,48	0,00	0,30	0,30	0,30	0,70
P02BR053	0,99	0,00	0,00	0,30	0,48	0,00	0,30	0,30	0,30	0,30
P02BR061	0,68	0,00	0,23	0,30	0,30	0,00	0,00	0,30	0,30	0,60
P02BR063	0,68	0,00	0,23	0,30	0,48	0,00	0,00	0,30	0,30	0,30
P02BR071	0,00	0,00	0,00	0,00	0,48	0,00	0,30	0,30	0,30	0,30
P02BR073	0,00	0,00	0,00	0,00	0,30	0,00	0,30	0,30	0,30	0,30

sample code	W_RIP	BA_FIX	BE_FIX	R_VEG	F_TYP	HYI	NS_POL	S_OVE	EUT	W_USE
P02BR081	0,79	0,00	0,00	0,00	0,48	0,00	0,00	0,30	0,30	0,60
P02BR083	0,79	0,00	0,00	0,00	0,60	0,00	0,00	0,30	0,30	0,48
P02BR091	0,68	0,00	0,00	0,00	0,48	0,00	0,00	0,00	0,30	0,30
P02BR093	0,68	0,00	0,00	0,00	0,60	0,00	0,00	0,00	0,30	0,30
P02BR101	1,11	0,00	0,00	0,30	0,48	0,00	0,00	0,30	0,30	0,30
P02BR103	1,11	0,00	0,00	0,30	0,60	0,00	0,00	0,30	0,30	0,30
P02BR111	0,58	0,00	0,00	0,00	0,48	0,00	0,00	0,30	0,30	0,48
P02BR113	0,58	0,00	0,00	0,00	0,70	0,00	0,00	0,30	0,30	0,30
P02BR121	1,25	0,00	0,00	0,30	0,30	0,00	0,00	0,30	0,30	0,30
P02BR123	1,25	0,00	0,00	0,30	0,60	0,00	0,00	0,30	0,30	0,30
P02BR131	1,11	0,79	0,32	0,00	0,60	0,00	0,00	0,30	0,30	0,30
P02BR133	1,11	0,79	0,32	0,00	0,60	0,00	0,00	0,30	0,30	0,30
P02BR141	1,25	0,00	0,00	0,30	0,30	0,00	0,00	0,30	0,30	0,30
P02BR143	1,25	0,00	0,00	0,30	0,30	0,00	0,00	0,30	0,30	0,30
P02BR151	1,11	0,00	0,00	0,00	0,48	0,00	0,00	0,00	0,00	0,30
P02BR153	1,11	0,00	0,00	0,00	0,70	0,00	0,00	0,00	0,00	0,30
P02BR161	0,79	0,00	0,40	0,30	0,30	0,00	0,00	0,30	0,30	0,30
P02BR163	0,79	0,00	0,40	0,30	0,30	0,00	0,00	0,30	0,30	0,60
P02KN143	0,00	0,00	0,00	0,30	0,48	0,00	0,00	0,00	0,00	0,30
P02SO171	0,32	0,00	0,00	0,00	0,48	0,00	0,30	0,30	0,30	0,30
P02SO173	0,32	0,00	0,00	0,00	0,60	0,00	0,30	0,30	0,30	0,30
P02SO181	0,32	0,00	0,79	0,00	0,30	0,00	0,30	0,30	0,30	0,30
P02SO191	0,00	0,00	0,00	0,00	0,30	0,00	0,00	0,30	0,30	0,30
P02SO211	0,89	0,00	0,00	0,00	0,48	0,00	0,30	0,30	0,30	0,30
P02SO241	0,00	0,00	0,00	0,00	0,30	0,00	0,30	0,30	0,30	0,30
P02SO261	0,32	0,00	0,00	0,00	0,48	0,00	0,30	0,00	0,30	0,30
P02SO291	0,79	0,00	0,00	0,30	0,48	0,00	0,30	0,30	0,30	0,30
P02SO321	0,79	0,00	0,00	0,30	0,48	0,00	0,30	0,00	0,30	0,30
P04JL151	0,46	0,00	0,00	0,00	0,48	0,00	0,30	0,30	0,00	0,30
P04JL153	0,46	0,00	0,00	0,00	0,30	0,00	0,30	0,30	0,00	0,30
P04JL161	0,00	0,00	0,00	0,00	0,60	0,00	0,00	0,30	0,00	0,30
P04JL163	0,00	0,00	0,00	0,00	0,30	0,00	0,00	0,30	0,00	0,60
P04JL171	0,32	0,00	0,00	0,00	0,60	0,00	0,30	0,30	0,30	0,48
P04JL173	0,32	0,00	0,00	0,00	0,48	0,00	0,30	0,30	0,30	0,30
P04JL181	0,00	0,00	0,00	0,00	0,30	0,00	0,00	0,00	0,00	0,30
P04JL183	0,00	0,00	0,00	0,00	0,30	0,00	0,00	0,00	0,00	0,30
P04JL191	0,32	0,00	0,00	0,00	0,48	0,00	0,00	0,30	0,00	0,30
P04JL193	0,32	0,00	0,00	0,00	0,48	0,00	0,00	0,30	0,00	0,30

sample code	W_RIP	BA_FIX	BE_FIX	R_VEG	F_TYP	HYI	NS_POL	S_OVE	EUT	W_USE
P04JL221	0,32	0,00	0,00	0,00	0,48	0,00	0,30	0,00	0,00	0,48
P04JL223	0,32	0,00	0,00	0,00	0,30	0,00	0,30	0,00	0,00	0,60
P04JL241	0,32	0,00	0,00	0,00	0,60	0,00	0,30	0,30	0,00	0,30
P04JL243	0,32	0,00	0,00	0,00	0,48	0,00	0,30	0,30	0,00	0,60
P04KN011	0,68	0,00	0,00	0,30	0,60	0,00	0,30	0,30	0,30	0,30
P04KN013	0,68	0,00	0,00	0,30	0,48	0,00	0,30	0,30	0,30	0,30
P04KN041	1,25	0,00	0,00	0,00	0,48	0,00	0,00	0,00	0,00	0,48
P04KN043	1,25	0,00	0,00	0,00	0,70	0,00	0,00	0,00	0,00	0,30
P04KN091	0,32	0,00	0,00	0,00	0,30	0,00	0,30	0,30	0,00	0,30
P04KN093	0,32	0,00	0,00	0,00	0,60	0,00	0,30	0,30	0,00	0,30
P04KN101	0,46	0,00	0,00	0,00	0,60	0,00	0,00	0,00	0,00	0,30
P04KN103	0,46	0,00	0,00	0,00	0,30	0,00	0,00	0,00	0,00	0,30
P04KN111	0,32	0,00	0,00	0,00	0,60	0,00	0,00	0,30	0,00	0,30
P04KN113	0,32	0,00	0,00	0,00	0,60	0,00	0,00	0,30	0,00	0,30
P04KN121	0,00	0,00	0,79	0,30	0,48	0,00	0,30	0,30	0,30	0,30
P04KN123	0,00	0,00	0,79	0,30	0,48	0,00	0,30	0,30	0,30	0,30
P04KN131	0,00	0,00	0,00	0,30	0,70	0,00	0,00	0,00	0,00	0,48
P04KN133	0,00	0,00	0,00	0,30	0,48	0,00	0,00	0,00	0,00	0,60
P04KN141	0,00	0,00	0,00	0,30	0,48	0,00	0,00	0,00	0,00	0,30
P04NL201	0,32	0,00	0,00	0,00	0,48	0,00	0,30	0,30	0,00	0,48
P04NL203	0,32	0,00	0,00	0,00	0,48	0,00	0,30	0,30	0,00	0,60
P04NL211	0,32	0,00	0,00	0,00	0,30	0,00	0,00	0,00	0,00	0,30
P04NL211	0,32	0,00	0,00	0,00	0,30	0,00	0,00	0,00	0,00	0,30
P04NL211	0,32	0,00	0,00	0,00	0,30	0,00	0,00	0,00	0,00	0,30
P04NL213	0,32	0,00	0,00	0,00	0,48	0,00	0,00	0,00	0,00	0,30

C_WAT = cattle watering place, RUBB = rubbish, FAE = faeces, WAS = washing/bathing, FOA = foam, TUR = turbidity, CON = conductivity, CHL = chlorid, BOD = biological oxygen demands, NIT = nitrate.

sample code	C_CAT	RUBB	FAE	WAS	FOA	TUR	CON	CHL	BOD	NIT
H02AN011	0,00	0,30	0,00	0,30	0,00	0,00	1,98	0,04	0,83	0,08
H02AN013	0,00	0,30	0,00	0,00	0,00	0,00	1,73	0,47	0,89	
H02BT013	0,00	0,30	0,00	0,30	0,00	0,00	2,16	0,47	0,89	
H02CG011	0,00	0,30	0,00	0,00	0,00	0,30	1,56	0,04	0,89	0,08
H02CG013	0,00	0,30	0,00	0,00	0,00	0,00	1,83	0,47	0,89	0,08
H02LT011	0,00	0,30	0,00	0,30	0,30	0,30	1,83	0,04	0,86	0,08
H02LT013	0,00	0,30	0,00	0,00	0,00	0,00	2,27	0,47	0,89	
H02PC011	0,00	0,00	0,00	0,00	0,00	0,00	1,81	0,04	0,83	0,08
H02PC013	0,00	0,00	0,00	0,00	0,00	0,00	2,04	0,00	0,83	
H02PC021	0,00	0,30	0,30	0,00	0,00	0,00	1,57	0,04	0,85	0,08
H02PD011	0,00	0,30	0,30	0,30	0,30	0,00	1,83	0,04	0,85	0,08
H02PD013	0,00	0,30	0,30	0,30	0,00	0,30	2,32	0,33	0,85	
H02PD021	0,00	0,30	0,30	0,30	0,30	0,00	1,69	0,04	0,86	0,08
H02PD023	0,00	0,30	0,30	0,30	0,00	0,00	2,14	0,55	0,86	
H02PJ011	0,00	0,00	0,00	0,00	0,00	0,00	1,45	0,04	0,83	0,08
H02PJ013	0,00	0,00	0,00	0,00	0,00	0,00	1,76	0,50	0,83	
H02PM011	0,00	0,00	0,00	0,00	0,00	0,00	1,46	0,04	0,83	0,08
H02PM013	0,00	0,00	0,00	0,30	0,00	0,00	1,41	0,50	0,83	0,48
H02PP011	0,00	0,30	0,30	0,30	0,00	0,30	2,03	0,04	0,85	0,08
H02PP013	0,00	0,00	0,00	0,30	0,00	0,30	2,32	0,33	0,85	
H02SB011	0,00	0,00	0,00	0,00	0,00	0,00	2,38	0,04	0,83	0,08
H02SB013	0,00	0,00	0,00	0,00	0,00	0,00	2,23	0,50	0,83	
H02SK011	0,00	0,30	0,00	0,00	0,00	0,00	1,54	0,04	0,66	0,08
H02SK013	0,00	0,30	0,00	0,00	0,00	0,00	2,14	0,55	0,86	
H02TD011	0,00	0,00	0,00	0,00	0,00	0,00	1,40	0,04	0,83	0,08
H02TD013	0,00	0,00	0,00	0,00	0,00	0,00	2,04	0,50	0,83	
H02TT011	0,00	0,00	0,00	0,00	0,30	0,30	1,41	0,18	0,83	0,08
H02TT013	0,00	0,00	0,00	0,00	0,00	0,00	1,26	0,50	0,83	
H02WA011	0,00	0,30	0,30	0,00	0,00	0,30	1,51	0,04	0,89	0,08
H02WA013	0,00	0,30	0,30	0,00	0,00	0,00	1,80	0,55	0,86	
H02WM011	0,00	0,00	0,00	0,30	0,30	0,00	1,96	0,18	0,86	0,08
H02WM013	0,00	0,00	0,00	0,00	0,00	0,00	1,90	0,50	0,83	
H02WN011	0,00	0,00	0,00	0,00	0,30	0,00	1,28	0,18	0,83	0,08
H02WN013	0,00	0,00	0,00	0,00	0,00	0,00	1,98	0,55	0,86	0,48
H03AB011	0,30	0,30	0,00	0,00	0,00	0,00	1,38	0,04	0,86	0,08
H03AB013	0,30	0,30	0,00	0,00	0,00	0,00	1,38	0,50	0,83	0,08
H03AG011	0,00	0,30	0,00	0,30	0,00	0,00	1,88	0,04	0,89	0,08
H03AG013	0,00	0,30	0,30	0,30	0,00	0,00	2,14	0,55	0,86	

sample code	C_CAT	RUBB	FAE	WAS	FOA	TUR	CON	CHL	BOD	NIT
H03AG021	0,00	0,30	0,00	0,30	0,00	0,00	1,88	0,04	0,89	0,08
H03AI011	0,00	0,30	0,00	0,00	0,00	0,00	1,72	0,04	0,83	0,08
H03AI013	0,00	0,30	0,00	0,00	0,00	0,00	2,14	0,55	0,86	
H03AN011	0,00	0,00	0,00	0,00	0,00	0,00	1,99	0,04	0,83	0,08
H03AN013	0,00	0,00	0,00	0,00	0,00	0,00	0,70	0,50	0,83	
H03AP011	0,00	0,30	0,30	0,00	0,00	0,00	1,56	0,04	0,86	0,08
H03AP023	0,00	0,30	0,00	0,30	0,00	0,00	2,23	0,55	0,86	0,08
H03AP031	0,00	0,30	0,00	0,00	0,00	0,00	1,59	0,04	0,83	0,08
H03AP041	0,00	0,30	0,00	0,00	0,00	0,00	1,63	0,04	0,86	0,08
H03BC011	0,00	0,00	0,00	0,30	0,30	0,00	1,68	0,04	0,83	0,08
H03HC011	0,00	0,00	0,00	0,00	0,00	0,00	1,68	0,04	0,83	0,08
H03HC013	0,00	0,00	0,00	0,00	0,00	0,00	1,49	0,50	0,83	
H03HL011	0,00	0,30	0,30	0,00	0,00	0,00	1,90	0,04	0,89	0,08
H03HL013	0,00	0,30	0,30	0,00	0,00	0,00	1,61	0,47	0,89	
H03TB011	0,00	0,30	0,00	0,00	0,00	0,00	1,93	0,04	0,86	0,08
H03TB021	0,00	0,30	0,30	0,00	0,00	0,00	1,89	0,04	0,86	0,08
H03TC011	0,00	0,00	0,00	0,00	0,00	0,00	2,12	0,04	0,83	0,08
H03TC013	0,00	0,00	0,00	0,00	0,00	0,00	2,10	0,50	0,83	
H03TD011	0,00	0,30	0,30	0,30	0,00	0,30	1,38	0,04	0,89	0,08
H03TD013	0,00	0,30	0,30	0,00	0,00	0,00	1,82	0,47	0,89	
H03TD021	0,00	0,30	0,00	0,30	0,30	0,00	1,52	0,04	0,86	0,08
H03TD023	0,00	0,30	0,00	0,00	0,00	0,00	0,60	0,55	0,86	
H03TM011	0,00	0,30	0,30	0,00	0,00	0,00	1,70	0,04	0,89	0,08
H03TM013	0,00	0,30	0,30	0,00	0,00	0,00	1,85	0,47	0,89	
H03TO011	0,00	0,30	0,00	0,30	0,00	0,00	1,88	0,04	0,86	0,08
H03TO013	0,00	0,30	0,00	0,00	0,00	0,30	1,51	0,55	0,86	
H03TS011	0,00	0,30	0,30	0,00	0,00	0,30	1,69	0,04	0,66	0,08
H03TS013	0,00	0,30	0,30	0,00	0,30	0,30	2,47	0,26	0,66	
H03TS021	0,00	0,30	0,30	0,00	0,00	0,30	1,32	0,04	0,66	0,08
H03TT011	0,00	0,30	0,00	0,30	0,00	0,00	1,67	0,04	0,83	0,08
H03TT013	0,00	0,30	0,00	0,00	0,00	0,00	1,34	0,55	0,86	
H03TZ011	0,00	0,30	0,30	0,00	0,00	0,00	1,26	0,04	0,85	0,08
H03TZ013	0,00	0,30	0,30	0,00	0,00	0,30	2,28	0,33	0,85	
H03WL011	0,00	0,00	0,00	0,00	0,00	0,00	1,43	0,04	0,83	0,08
H03WL031	0,00	0,00	0,00	0,00	0,00	0,00	2,06	0,04	0,83	0,08
I02AD013	0,00	0,30	0,30	0,30	0,30	0,30	2,55	0,26	0,66	
I02AD051	0,30	0,30	0,30	0,00	0,30	0,30	2,54	1,66	0,72	0,74
I02BH013	0,30	0,00	0,00	0,00	0,00	0,00	1,58	0,50	0,83	0,00

sample code	C_CAT	RUBB	FAE	WAS	FOA	TUR	CON	CHL	BOD	NIT
I02BH121	0,30	0,00	0,00	0,00	0,30	0,00	1,70	1,12	0,26	0,15
I02GA013	0,00	0,00	0,00	0,00	0,30	0,00	2,22	0,50	0,83	0,00
I02GA091	0,00	0,00	0,00	0,00	0,30	0,00	2,31	1,06	0,32	0,15
I02GO013	0,00	0,30	0,30	0,30	0,00	0,00	2,03	0,55	0,86	0,00
I02GO041	0,30	0,30	0,30	0,30	0,30	0,30	2,13	1,09	0,49	0,08
I02KA013	0,00	0,30	0,30	0,30	0,30	0,30	1,93	0,47	0,89	0,00
I02KA041	0,00	0,30	0,30	0,30	0,00	0,00	2,04	1,15	0,31	0,20
I02KO013	0,00	0,00	0,00	0,30	0,30	0,00	2,10	0,26	0,66	0,00
I02KO023	0,00	0,00	0,00	0,00	0,00	0,00	2,13	0,47	0,89	0,00
I02KO033	0,00	0,30	0,00	0,30	0,30	0,00	2,08	0,26	0,66	0,00
I02KO043	0,00	0,00	0,30	0,30	0,30	0,00	2,08	0,55	0,86	0,00
I02KO121	0,00	0,00	0,00	0,00	0,30	0,00	1,91	1,01	0,31	0,11
I02KO151	0,30	0,30	0,00	0,30	0,30	0,00	2,11	1,07	0,38	0,08
I02KO201	0,30	0,00	0,30	0,30	0,30	0,30	2,16	1,03	0,34	0,11
I02KO211	0,30	0,00	0,30	0,30	0,30	0,30	2,26	1,24	0,34	0,28
I02NA013	0,00	0,30	0,30	0,00	0,30	0,00	1,98	0,33	0,85	0,00
I02NA051	0,00	0,30	0,30	0,30	0,30	0,30	2,12	1,26	0,84	0,15
I02NI013	0,00	0,30	0,30	0,00	0,30	0,00	2,17	0,47	0,89	0,00
I02NI023	0,00	0,30	0,00	0,00	0,30	0,00	1,68	0,55	0,86	0,00
I02NI111	0,30	0,30	0,00	0,00	0,30	0,00	2,11	1,14	0,32	0,34
I02NI151	0,00	0,30	0,30	0,30	0,30	0,30	2,33	1,47	0,86	0,40
I02PI013	0,30	0,30	0,30	0,30	0,00	0,00	2,25	0,50	0,83	0,00
I02PI081	0,00	0,00	0,00	0,30	0,00	0,00	2,23	1,12	0,32	0,18
I02RA013	0,00	0,30	0,00	0,00	0,00	0,00	2,26	0,55	0,86	0,00
I02RA071	0,30	0,30	0,00	0,00	0,30	0,30	2,36	1,26	0,36	0,32
I02SA013	0,00	0,00	0,30	0,30	0,00	0,00	2,37	0,47	0,89	0,00
I02SA023	0,00	0,30	0,30	0,30	0,00	0,00	2,51	0,26	0,66	0,00
I02SA033	0,00	0,30	0,30	0,30	0,00	0,00	2,42	0,47	0,89	0,00
I02SA121	0,30	0,30	0,30	0,30	0,30	0,00	2,45	0,78	0,45	0,11
I02SA141	0,00	0,30	0,30	0,30	0,30	0,30	2,57	1,24	0,78	0,18
I02SA161	0,30	0,00	0,30	0,30	0,00	0,00	0,54	0,82	0,26	0,15
I02SU013	0,00	0,00	0,30	0,00	0,00	0,00	1,95	0,50	0,83	0,00
I02SU111	0,00	0,00	0,00	0,00	0,30	0,00	1,91	1,03	0,43	0,15
N02BE011	0,00	0,00	0,00	0,00	0,30	0,00	3,46	0,00	0,26	1,47
N02BE013	0,00	0,00	0,00	0,00	0,00	0,00	2,08	0,18	0,12	0,00
N02BI011	0,00	0,00	0,00	0,00	0,00	0,00	3,37	0,00	0,79	1,47
N02BI013	0,00	0,00	0,00	0,00	0,00	0,00	2,39	0,00	0,29	0,00
N02DH011	0,00	0,00	0,00	0,00	0,00	0,00	1,76	0,00	0,33	0,37

sample code	C_CAT	RUBB	FAE	WAS	FOA	TUR	CON	CHL	BOD	NIT
N02DH013	0,00	0,00	0,00	0,00	0,00	0,00	1,73	0,00	0,67	0,00
N02KH011	0,00	0,00	0,00	0,00	0,30	0,00	3,13	0,00	0,88	1,46
N02KH013	0,00	0,00	0,00	0,00	0,00	0,00	2,15	0,00	0,46	0,00
N02KH021	0,00	0,00	0,00	0,00	0,00	0,00	2,91	0,00	0,58	1,46
N02KH031	0,00	0,00	0,00	0,00	0,30	0,00	2,15	0,00	0,46	1,29
N02KH033	0,00	0,00	0,00	0,00	0,00	0,00	2,06	0,00	0,66	0,16
N02MO011	0,00	0,00	0,00	0,00	0,00	0,00	2,23	0,00	0,53	0,62
N02MO013	0,00	0,00	0,00	0,00	0,00	0,00	2,12	0,00	0,24	0,00
N02OR011	0,00	0,00	0,00	0,00	0,00	0,00	3,61	0,00	0,29	1,19
N02OR013	0,00	0,00	0,00	0,00	0,00	0,00	1,76	0,00	0,65	0,00
N02OR021	0,00	0,00	0,00	0,00	0,00	0,00	2,16	0,00	0,43	0,59
N02OR023	0,00	0,00	0,00	0,00	0,00	0,00	1,98	0,00	0,94	0,00
N02PA011	0,00	0,00	0,00	0,00	0,00	0,00	1,81	0,00	0,56	0,48
N02PA013	0,00	0,00	0,00	0,00	0,00	0,00	2,10	0,00	0,17	0,00
N02PA021	0,00	0,00	0,00	0,00	0,00	0,00	2,01	0,00	0,57	0,55
N02PA023	0,00	0,00	0,00	0,00	0,00	0,00	1,67	0,22	0,28	0,17
N02PH011	0,00	0,30	0,30	0,30	0,00	0,30	2,92	0,00	0,80	1,47
N02PH013	0,00	0,00	0,00	0,00	0,00	0,30	2,38	0,00	0,36	0,30
N02PH021	0,00	0,30	0,30	0,00	0,00	0,00	2,46	0,00	1,26	1,44
N02PH023	0,00	0,00	0,00	0,00	0,00	0,00	2,35	0,00	0,88	0,38
N02PH031	0,00	0,30	0,30	0,30	0,00	0,00	3,37	0,00	0,68	1,49
N02PH033	0,00	0,00	0,30	0,00	0,00	0,00	2,31	0,00	1,00	0,00
N02PU011	0,00	0,00	0,00	0,00	0,00	0,00	3,57	0,00	0,69	0,62
N02PU013	0,00	0,00	0,00	0,00	0,00	0,00	2,05	0,00	0,66	0,00
N02YA011	0,00	0,00	0,00	0,00	0,00	0,00	1,73	0,00	0,47	0,00
N02YA013	0,00	0,00	0,00	0,30	0,00	0,00	1,42	0,00	0,16	0,02
N02YA021	0,00	0,00	0,00	0,00	0,00	0,00	2,14	0,00	0,34	0,61
N02YA023	0,00	0,00	0,00	0,30	0,00	0,00	1,76	0,18	0,66	0,00
N03CH011	0,00	0,00	0,00	0,00	0,00	0,00	1,72	0,02	0,56	0,21
N03CH013	0,30	0,00	0,00	0,00	0,00	0,00	1,67	0,00	0,31	0,94
N03CH021	0,00	0,00	0,00	0,00	0,00	0,00	2,08	0,02	0,67	1,28
N03CH023	0,00	0,00	0,00	0,00	0,00	0,00	1,90	0,00	0,48	1,06
N03GH011	0,00	0,00	0,00	0,00	0,00	0,00	2,27	0,02	0,78	0,01
N03GH013	0,00	0,00	0,00	0,00	0,00	0,00	2,26	0,00	0,50	0,00
N03GH021	0,00	0,00	0,00	0,00	0,00	0,00	2,29	0,00	0,17	1,28
N03GH023	0,00	0,00	0,00	0,00	0,00	0,00	2,29	0,00	0,90	0,00
N03GH031	0,00	0,00	0,00	0,00	0,00	0,00	2,30	0,00	0,52	0,00
N03GH033	0,00	0,00	0,00	0,00	0,00	0,00	2,29	0,00	0,26	0,00

sample code	C_CAT	RUBB	FAE	WAS	FOA	TUR	CON	CHL	BOD	NIT
N03MA011	0,00	0,00	0,00	0,00	0,00	0,30	2,63	0,02	0,66	0,21
N03MA013	0,00	0,00	0,00	0,00	0,00	0,00	1,58	0,00	0,45	0,75
N03MA021	0,30	0,00	0,00	0,00	0,00	0,00	1,81	0,00	0,17	0,93
N03MA023	0,30	0,00	0,00	0,00	0,00	0,00	1,81	0,02	0,17	0,93
N03MA031	0,30	0,00	0,00	0,00	0,00	0,00	2,05	0,02	0,87	0,82
N03MA033	0,30	0,00	0,00	0,00	0,00	0,00	1,59	0,88	0,47	0,97
N03PU011	0,00	0,00	0,00	0,00	0,00	0,00	1,79	0,02	0,11	0,21
N03PU013	0,30	0,00	0,00	0,00	0,00	0,00	1,34	0,00	0,45	0,98
N03PU021	0,00	0,00	0,00	0,00	0,00	0,00	2,00	0,02	0,42	1,29
N03PU023	0,00	0,00	0,00	0,00	0,00	0,00	1,94	0,00	0,42	0,01
N03PU031	0,00	0,00	0,30	0,00	0,00	0,30	2,49	0,00	0,54	0,00
N03PU033	0,00	0,00	0,00	0,00	0,00	0,00	2,22	0,00	0,17	1,09
N03PU041	0,00	0,00	0,30	0,00	0,00	0,30	2,45	0,00	0,29	0,96
N03PU043	0,00	0,30	0,30	0,00	0,30	0,30	2,31	0,00	0,24	0,20
N03PU051	0,00	0,00	0,00	0,00	0,30	0,30	2,47	0,00	0,37	0,72
N03PU053	0,30	0,00	0,00	0,00	0,00	0,30	2,25	0,00	0,15	0,76
N03RO011	0,00	0,00	0,00	0,00	0,00	0,00	2,30	0,02	0,22	0,34
N03RO013	0,00	0,00	0,00	0,00	0,00	0,00	2,32	0,00	0,32	0,00
N03RO021	0,00	0,00	0,00	0,00	0,00	0,00	2,38	0,02	0,42	0,98
N03RO023	0,00	0,00	0,00	0,00	0,00	0,00	2,27	0,00	0,31	0,91
N03RO031	0,00	0,00	0,00	0,00	0,00	0,30	2,21	0,02	0,79	0,88
N03RO033	0,00	0,30	0,00	0,00	0,30	0,30	2,31	0,00	0,54	0,73
N03RO041	0,00	0,30	0,30	0,00	0,30	0,30	2,28	0,00	0,57	0,49
N03RO043	0,00	0,30	0,30	0,00	0,30	0,30	2,28	0,00	0,57	0,49
P02BR011	0,30	0,30	0,00	0,00	0,00	0,30	2,71	1,11	0,70	0,59
P02BR013	0,30	0,30	0,00	0,00	0,30	0,30	2,71	1,08	0,54	1,38
P02BR021	0,30	0,30	0,30	0,30	0,00	0,00	2,24	0,90	0,94	0,20
P02BR023	0,30	0,30	0,30	0,30	0,00	0,00	2,16	0,90	0,94	0,70
P02BR031	0,30	0,30	0,00	0,30	0,00	0,30	2,74	1,08	1,18	0,30
P02BR033	0,30	0,30	0,00	0,00	0,00	0,00	2,71	1,00	1,41	1,18
P02BR041	0,30	0,30	0,30	0,30	0,00	0,30	2,70	1,11	1,41	0,18
P02BR043	0,30	0,30	0,00	0,00	0,00	0,00	2,70	1,08	1,33	0,83
P02BR051	0,30	0,30	0,00	0,30	0,00	0,30	2,62	1,08	1,41	0,04
P02BR053	0,30	0,30	0,30	0,00	0,30	0,30	2,65	1,00	1,29	1,05
P02BR061	0,30	0,30	0,30	0,30	0,00	0,30	2,64	1,00	1,32	0,30
P02BR063	0,30	0,30	0,00	0,00	0,30	0,00	2,58	1,00	1,54	0,80
P02BR071	0,30	0,30	0,30	0,00	0,00	0,30	2,60	1,08	1,28	0,32
P02BR073	0,30	0,30	0,30	0,00	0,00	0,30	2,65	0,90	1,76	0,93

sample code	C_CAT	RUBB	FAE	WAS	FOA	TUR	CON	CHL	BOD	NIT
P02BR081	0,30	0,00	0,00	0,30	0,00	0,00	2,52	1,00	1,18	0,20
P02BR083	0,30	0,30	0,00	0,00	0,00	0,00	2,55	0,90	0,96	1,18
P02BR091	0,30	0,30	0,30	0,00	0,00	0,00	2,41	1,00	0,98	0,20
P02BR093	0,00	0,30	0,30	0,30	0,00	0,00	2,39	0,90	0,95	0,77
P02BR101	0,30	0,00	0,30	0,00	0,00	0,00	2,53	0,90	1,24	0,23
P02BR103	0,30	0,30	0,00	0,00	0,00	0,00	2,52	0,95	0,98	0,91
P02BR111	0,30	0,30	0,30	0,30	0,00	0,00	2,60	0,90	1,18	0,18
P02BR113	0,30	0,30	0,30	0,00	0,00	0,00	2,39	0,78	1,14	0,83
P02BR121	0,30	0,30	0,00	0,30	0,00	0,00	2,40	1,00	1,16	0,26
P02BR123	0,30	0,30	0,30	0,30	0,00	0,00	2,58	0,85	1,64	0,61
P02BR131	0,30	0,30	0,30	0,30	0,30	0,00	2,51	0,90	1,45	0,28
P02BR133	0,30	0,30	0,00	0,30	0,00	0,00	2,55	0,90	1,24	0,88
P02BR141	0,30	0,30	0,30	0,30	0,00	0,00	2,51	0,90	1,68	0,26
P02BR143	0,30	0,30	0,30	0,00	0,30	0,00	2,56	0,90	1,16	0,91
P02BR151	0,30	0,30	0,30	0,30	0,00	0,00	2,21	0,78	1,24	0,23
P02BR153	0,30	0,30	0,00	0,30	0,00	0,00	2,68	0,95	1,67	1,11
P02BR161	0,30	0,30	0,00	0,00	0,00	0,00	2,65	1,11	1,46	0,34
P02BR163	0,30	0,30	0,00	0,00	0,00	0,30	2,06	0,78	1,17	0,70
P02KN143	0,30	0,30	0,00	0,00	0,00	0,00	2,53	0,90	1,26	1,05
P02SO171	0,30	0,30	0,30	0,00	0,30	0,30	3,14	2,00	2,00	0,26
P02SO173	0,30	0,30	0,00	0,30	0,30	0,30	2,83	1,57	1,97	1,24
P02SO181	0,30	0,30	0,30	0,00	0,30	0,30	3,15	1,95	1,93	0,36
P02SO191	0,30	0,30	0,30	0,00	0,00	0,30	2,71	1,63	1,85	0,36
P02SO211	0,30	0,30	0,30	0,30	0,00	0,00	2,80	1,00	1,79	0,34
P02SO241	0,30	0,30	0,00	0,00	0,30	0,30	2,88	1,52	2,72	0,32
P02SO261	0,30	0,30	0,00	0,00	0,00	0,00	0,72	1,00	1,26	0,38
P02SO291	0,30	0,30	0,00	0,30	0,00	0,00	2,61	1,08	0,94	0,34
P02SO321	0,30	0,30	0,30	0,30	0,00	0,00	2,62	0,78	1,86	0,34
P04JL151	0,30	0,30	0,30	0,30	0,00	0,00	2,47	0,56	1,41	0,26
P04JL153	0,30	0,30	0,00	0,00	0,00	0,00	2,48	1,00	1,31	1,01
P04JL161	0,30	0,30	0,30	0,30	0,00	0,00	2,61	1,04	0,95	0,26
P04JL163	0,30	0,30	0,00	0,00	0,00	0,00	2,59	1,00	1,11	0,88
P04JL171	0,30	0,30	0,30	0,30	0,00	0,30	2,49	0,90	0,78	0,32
P04JL173	0,30	0,30	0,30	0,30	0,00	0,00	2,56	1,00	1,14	0,73
P04JL181	0,30	0,30	0,30	0,30	0,00	0,00	2,47	0,78	1,18	0,28
P04JL183	0,30	0,30	0,00	0,00	0,00	0,00	2,50	0,90	0,48	0,86
P04JL191	0,30	0,30	0,30	0,30	0,00	0,00	2,53	1,00	1,15	0,30
P04JL193	0,30	0,30	0,00	0,30	0,00	0,00	2,60	1,00	1,24	0,97

sample code	C_CAT	RUBB	FAE	WAS	FOA	TUR	CON	CHL	BOD	NIT
P04JL221	0,30	0,30	0,30	0,30	0,00	0,00	2,75	1,00	0,94	0,26
P04JL223	0,30	0,30	0,00	0,30	0,00	0,00	2,72	1,08	1,15	0,91
P04JL241	0,30	0,30	0,00	0,30	0,00	0,00	2,53	1,00	1,11	0,40
P04JL243	0,30	0,30	0,00	0,30	0,00	0,00	2,52	1,08	1,86	1,07
P04KN011	0,30	0,30	0,30	0,30	0,00	0,00	2,60	0,90	0,48	0,26
P04KN013	0,00	0,30	0,00	0,00	0,00	0,00	2,81	1,00	1,24	0,95
P04KN041	0,30	0,30	0,00	0,00	0,00	0,00	2,92	0,90	0,63	0,23
P04KN043	0,30	0,30	0,30	0,00	0,00	0,00	2,88	1,08	0,70	0,77
P04KN091	0,30	0,30	0,30	0,30	0,00	0,00	2,67	0,90	0,48	0,26
P04KN093	0,30	0,30	0,30	0,30	0,00	0,00	2,74	1,18	1,24	0,14
P04KN101	0,30	0,30	0,30	0,30	0,00	0,30	2,02	0,78	0,31	0,26
P04KN103	0,00	0,30	0,00	0,00	0,00	0,00	2,38	0,90	0,85	0,99
P04KN111	0,30	0,30	0,30	0,30	0,00	0,00	2,18	1,81	0,31	0,26
P04KN113	0,30	0,30	0,00	0,30	0,00	0,00	2,34	1,08	1,41	1,01
P04KN121	0,30	0,30	0,30	0,30	0,00	0,00	2,13	0,70	1,11	0,26
P04KN123	0,30	0,30	0,30	0,30	0,30	0,00	2,40	1,00	1,32	0,78
P04KN131	0,30	0,30	0,30	0,30	0,00	0,30	2,08	0,78	1,79	0,23
P04KN133	0,00	0,00	0,00	0,30	0,00	0,00	2,41	1,00	1,26	0,97
P04KN141	0,30	0,30	0,30	0,30	0,00	0,00	2,48	0,60	1,11	0,28
P04NL201	0,30	0,30	0,30	0,30	0,00	0,00	2,90	1,00	0,78	0,20
P04NL203	0,30	0,30	0,30	0,30	0,00	0,30	2,85	1,00	1,36	0,88
P04NL211	0,00	0,30	0,00	0,00	0,00	0,00	2,79	0,90	0,98	0,18
P04NL211	0,00	0,30	0,00	0,00	0,00	0,00	2,79	0,90	0,98	0,18
P04NL211	0,00	0,30	0,00	0,00	0,00	0,00	2,79	0,90	0,98	0,18
P04NL213	0,30	0,30	0,00	0,00	0,00	0,30	2,79	0,90	1,80	0,73

sample code	O_PHO	E_COL	AMM
H02AN011	1,00	1,57	0,08
H02AN013	1,04	2,12	0,00
H02BT013	1,04	2,12	0,48
H02CG011	1,04	2,12	0,08
H02CG013	1,04	2,12	0,08
H02LT011	0,98	2,20	0,00
H02LT013	1,04	2,12	0,00
H02PC011	1,00	1,57	0,00
H02PC013	1,00	1,57	0,00
H02PC021	1,00	2,02	0,20
H02PD011	1,00	2,02	0,20
H02PD013	1,00	2,02	0,00
H02PD021	0,98	2,20	0,15
H02PD023	0,98	2,20	0,00
H02PJ011	1,00	1,57	0,08
H02PJ013	1,00	1,57	0,08
H02PM011	1,00	1,57	0,08
H02PM013	1,00	1,57	0,48
H02PP011	1,00	2,02	0,15
H02PP013	1,00	2,02	0,00
H02SB011	1,00	1,57	0,15
H02SB013	1,00	1,57	0,00
H02SK011	1,04	2,12	0,15
H02SK013	0,98	2,20	0,00
H02TD011	1,00	1,57	0,08
H02TD013	1,00	1,57	0,00
H02TT011	1,00	1,57	0,08
H02TT013	1,00	1,57	0,00
H02WA011	1,04	2,12	0,08
H02WA013	0,98	2,20	0,00
H02WM011	0,98	2,20	0,08
H02WM013	1,00	1,57	0,08
H02WN011	1,00	1,57	0,08
H02WN013	0,98	2,20	0,48
H03AB011	0,98	2,20	0,08
H03AB013	1,00	1,57	0,08
H03AG011	1,04	2,12	0,18
H03AG013	0,98	2,20	0,00

sample code	O_PHO	E_COL	AMM
H03AG021	1,04	2,12	0,18
H03AI011	1,00	1,57	0,15
H03AI013	0,98	2,20	0,00
H03AN011	1,00	1,57	0,08
H03AN013	1,00	1,57	0,00
H03AP011	0,95	2,20	0,18
H03AP023	0,98	2,20	0,00
H03AP031	1,00	1,57	0,08
H03AP041	0,98	2,20	0,20
H03BC011	1,00	1,57	0,08
H03HC011	1,00	1,57	0,00
H03HC013	1,00	1,57	0,00
H03HL011	1,04	2,12	0,18
H03HL013	1,04	2,12	0,00
H03TB011	0,98	2,20	0,08
H03TB021	0,98	2,20	0,08
H03TC011	0,30	1,57	0,00
H03TC013	1,00	1,57	0,08
H03TD011	1,04	2,12	0,08
H03TD013	1,04	2,12	0,00
H03TD021	0,98	2,20	0,15
H03TD023	0,98	2,20	0,00
H03TM011	1,04	2,12	0,20
H03TM013	1,04	2,12	0,00
H03TO011	0,98	2,20	0,08
H03TO013	0,98	2,20	0,00
H03TS011	0,81	3,27	0,20
H03TS013	0,81	3,27	0,00
H03TS021	0,81	3,27	0,20
H03TT011	1,00	1,57	0,08
H03TT013	0,98	2,20	0,00
H03TZ011	1,00	2,02	0,20
H03TZ013	1,00	2,02	0,00
H03WL011	1,00	1,57	0,08
H03WL031	1,00	1,57	0,08
I02AD013	0,81	3,27	0,00
I02AD051	2,89	3,20	0,01
I02BH013	1,00	1,57	0,00

sample code	O_PHO	E_COL	AMM
I02BH121	2,28	1,71	0,00
I02GA013	1,00	1,57	0,00
I02GA091	2,36	1,49	0,00
I02GO013	0,98	2,20	0,00
I02GO041	1,91	3,20	0,02
I02KA013	1,04	2,12	0,00
I02KA041	2,08	2,70	0,00
I02KO013	0,81	3,27	0,00
I02KO023	1,04	2,12	0,00
I02KO033	0,81	3,27	0,00
I02KO043	0,98	2,20	0,00
I02KO121	1,79	1,49	0,00
I02KO151	1,96	1,71	0,00
I02KO201	1,85	1,85	0,00
I02KO211	2,26	2,15	0,00
I02NA013	1,00	2,02	0,00
I02NA051	1,85	3,20	0,00
I02NI013	1,04	2,12	0,00
I02NI023	0,98	2,20	0,00
I02NI111	2,38	2,70	0,00
I02NI151	2,76	3,20	0,04
I02PI013	1,00	1,57	0,00
I02PI081	1,04	1,85	0,00
I02RA013	0,98	2,20	0,00
I02RA071	2,00	2,95	0,00
I02SA013	1,04	2,12	0,00
I02SA023	0,81	3,27	0,00
I02SA033	1,04	2,12	0,00
I02SA121	1,85	2,95	0,00
I02SA141	2,82	3,20	0,40
I02SA161	1,50	2,23	0,00
I02SU013	1,00	1,57	0,00
I02SU111	1,85	2,18	0,00
N02BE011	0,02	3,54	0,32
N02BE013	1,00	3,75	0,21
N02BI011	0,07	2,40	0,26
N02BI013	1,00	2,18	0,22
N02DH011	0,04	3,30	0,38

sample code	O_PHO	E_COL	AMM
N02DH013	0,12	1,04	0,19
N02KH011	0,03	0,00	0,38
N02KH013	1,04	4,18	0,24
N02KH021	0,02	0,00	0,21
N02KH031	0,01	0,00	0,24
N02KH033	1,00	3,88	0,25
N02MO011	0,04	3,88	0,69
N02MO013	0,06	3,75	0,35
N02OR011	0,01	3,57	0,24
N02OR013	0,00	0,00	0,28
N02OR021	0,31	3,65	0,21
N02OR023	0,00	3,74	0,34
N02PA011	0,03	3,89	0,49
N02PA013	0,02	3,18	0,31
N02PA021	0,03	3,37	0,76
N02PA023	0,08	4,18	0,26
N02PH011	0,04	3,54	0,38
N02PH013	1,00	3,88	0,28
N02PH021	0,03	3,43	0,32
N02PH023	0,81	3,98	0,18
N02PH031	0,02	3,54	0,24
N02PH033	0,81	3,88	0,28
N02PU011	0,04	3,88	0,33
N02PU013	0,98	3,88	0,16
N02YA011	0,02	3,79	0,43
N02YA013	0,00	1,04	0,34
N02YA021	0,03	3,58	0,43
N02YA023	0,98	3,54	0,22
N03CH011	0,14	3,51	0,20
N03CH013	0,14	3,00	0,03
N03CH021	0,11	3,81	0,13
N03CH023	0,10	3,00	0,00
N03GH011	0,05	3,69	0,35
N03GH013	0,00	1,96	0,02
N03GH021	0,11	3,81	0,13
N03GH023	0,98	2,00	0,10
N03GH031	0,05	4,59	0,16
N03GH033	0,01	2,78	0,18

sample code	O_PHO	E_COL	AMM
N03MA011	0,09	2,58	0,19
N03MA013	0,11	1,49	0,00
N03MA021	0,11	4,18	0,47
N03MA023	0,00	4,18	0,47
N03MA031	0,15	4,08	0,30
N03MA033	0,13	3,00	0,00
N03PU011	0,05	3,13	0,67
N03PU013	0,06	1,32	0,00
N03PU021	0,15	3,86	0,28
N03PU023	0,11	1,32	0,01
N03PU031	0,49	4,30	0,94
N03PU033	0,34	3,00	0,71
N03PU041	0,28	4,20	0,81
N03PU043	0,45	3,00	0,81
N03PU051	0,26	4,08	0,85
N03PU053	0,38	3,00	0,67
N03RO011	0,06	3,79	0,18
N03RO013	0,04	1,56	0,16
N03RO021	0,01	3,99	0,17
N03RO023	0,10	3,00	0,21
N03RO031	0,34	4,71	0,43
N03RO033	0,28	3,00	0,58
N03RO041	0,32	3,00	0,59
N03RO043	0,32	3,00	0,59
P02BR011	1,32	1,04	0,11
P02BR013	1,96	1,38	0,00
P02BR021	1,61	1,20	0,08
P02BR023	1,04	1,38	0,00
P02BR031	2,45	1,40	0,10
P02BR033	2,05	1,32	0,00
P02BR041	1,91	1,41	0,11
P02BR043	1,91	1,32	0,00
P02BR051	1,85	1,28	0,08
P02BR053	1,49	1,20	0,00
P02BR061	1,61	1,20	0,15
P02BR063	1,32	1,38	0,00
P02BR071	1,32	1,23	0,08
P02BR073	1,61	1,20	0,00

sample code	O_PHO	E_COL	AMM
P02BR081	1,61	1,11	0,04
P02BR083	1,79	1,38	0,00
P02BR091	1,71	0,00	0,08
P02BR093	1,79	0,00	0,00
P02BR101	2,00	1,04	0,08
P02BR103	1,61	1,38	0,00
P02BR111	1,61	0,00	0,04
P02BR113	1,04	1,32	0,00
P02BR121	1,71	0,00	0,03
P02BR123	1,04	0,00	0,00
P02BR131	1,96	1,20	0,02
P02BR133	1,49	1,32	0,00
P02BR141	1,04	1,20	0,04
P02BR143	1,61	1,38	0,00
P02BR151	1,71	0,00	0,04
P02BR153	1,49	0,00	0,00
P02BR161	1,61	1,04	0,02
P02BR163	1,32	1,20	0,02
P02KN143	1,32	1,36	0,00
P02SO171	3,46	1,38	1,48
P02SO173	2,92	1,38	0,80
P02SO181	3,71	1,38	1,58
P02SO191	1,96	1,40	0,13
P02SO211	1,61	1,41	0,04
P02SO241	2,30	1,34	0,41
P02SO261	1,79	1,20	0,07
P02SO291	1,96	1,32	0,43
P02SO321	1,49	1,04	0,10
P04JL151	1,04	1,30	0,04
P04JL153	1,49	1,32	0,00
P04JL161	1,04	1,28	0,04
P04JL163	0,00	1,04	0,00
P04JL171	1,61	1,38	0,06
P04JL173	0,00	1,20	0,00
P04JL181	1,71	1,28	0,08
P04JL183	1,04	0,00	0,00
P04JL191	1,32	0,00	0,04
P04JL193	1,04	0,00	0,00

sample code	O_PHO	E_COL	AMM
P04JL221	1,71	1,32	0,05
P04JL223	1,00	1,32	0,00
P04JL241	1,85	1,38	0,04
P04JL243	0,98	1,04	0,00
P04KN011	1,71	1,32	0,04
P04KN013	1,71	1,32	0,00
P04KN041	2,05	0,00	0,09
P04KN043	0,00	0,00	0,00
P04KN091	2,12	1,40	0,10
P04KN093	1,79	1,40	0,01
P04KN101	1,32	0,00	0,18
P04KN103	1,71	1,40	0,00
P04KN111	1,85	1,36	0,08
P04KN113	1,00	1,20	0,03
P04KN121	1,71	1,20	0,16
P04KN123	1,79	1,38	0,00
P04KN131	2,60	1,28	0,06
P04KN133	1,04	1,40	0,00
P04KN141	2,70	1,38	0,11
P04NL201	1,71	1,40	0,04
P04NL203	1,61	1,38	0,12
P04NL211	1,79	1,23	0,08
P04NL211	1,79	1,23	0,08
P04NL211	1,79	1,23	0,08
P04NL213	1,00	1,04	0,00

Appendix 2_3: PCA input sheets, lowlands. FOR = % forest catchment, CROP = % cropland catchment, O_GRAS = % open grassland, URB = % urban sites catchment, VILL = % villages catchment, LUI = Landuse Index, S_ZEN = % shading at zenith, R_BED = removal mineral bed material, W_RIP = % riparian wooded vegetation, BA_FIX = % bank fixation.

sample code	FOR	CROP	O_GRAS	URB	VILL	LUI	S_ZEN	R_BED	W_RIP	BA_FIX
B01BA014	0,00	1,11	0,00	0,32	0,00	0,89	0,00	0,00	0,32	0,00
B01BA021	0,00	1,11	0,00	0,32	0,00	0,89	0,00	0,00	0,32	0,00
B01BB014	0,32	1,11	0,00	0,00	0,32	0,68	0,00	0,00	0,00	1,57
B01BB021	0,32	1,11	0,00	0,00	0,32	0,68	0,00	0,00	0,00	1,57
B01BG014	0,00	0,00	0,00	1,11	0,00	1,57	0,00	0,00	0,00	0,68
B01BG021	0,00	0,00	0,00	1,11	0,00	1,57	0,00	0,00	0,00	0,68
B01BH014	0,32	1,11	0,00	0,00	0,32	0,68	0,00	0,30	0,00	0,68
B01BH021	0,32	1,11	0,00	0,00	0,32	0,68	0,00	0,30	0,00	0,68
B01BO014	0,32	1,11	0,00	0,00	0,32	0,68	0,00	0,30	0,58	0,00
B01BO021	0,32	1,11	0,00	0,00	0,32	0,68	0,00	0,30	0,58	0,00
B01BP014	0,32	1,11	0,00	0,00	0,32	0,68	0,46	0,30	0,68	0,46
B01BP021	0,32	1,11	0,00	0,00	0,32	0,68	0,46	0,30	0,68	0,46
B01BQ014	0,32	1,11	0,00	0,00	0,32	0,68	0,00	0,30	0,00	0,63
B01BQ021	0,32	1,11	0,00	0,00	0,32	0,68	0,00	0,30	0,00	0,63
B01BR014	0,00	0,79	0,00	0,00	0,79	0,52	0,00	0,00	0,68	1,57
B01BR021	0,00	0,79	0,00	0,00	0,79	0,52	0,00	0,00	0,68	1,57
B01BS014	0,00	0,00	0,00	0,32	1,11	0,46	0,00	0,30	0,46	0,00
B01BS021	0,00	0,00	0,00	0,32	1,11	0,46	0,00	0,30	0,46	0,00
B01BX014	0,00	1,25	0,00	0,32	0,00	0,84	0,00	0,30	0,46	0,79
B01BX021	0,00	1,25	0,00	0,32	0,00	0,84	0,00	0,30	0,46	0,79
B01BZ014	0,32	1,11	0,00	0,00	0,32	0,68	0,00	0,00	0,46	1,57
B01BZ021	0,32	1,11	0,00	0,00	0,32	0,68	0,00	0,00	0,46	1,57
B01CH014	0,32	1,11	0,00	0,00	0,32	0,68	0,00	0,30	0,00	0,99
B01CH021	0,32	1,11	0,00	0,00	0,32	0,68	0,00	0,30	0,00	0,99
B01FO014	0,00	0,32	0,00	0,32	1,11	0,40	0,46	0,00	0,68	0,00
B01FO021	0,00	0,32	0,00	0,32	1,11	0,40	0,46	0,00	0,68	0,00
B01GA014	0,00	0,58	0,32	0,89	0,00	1,05	0,46	0,30	0,58	0,89
B01GA021	0,00	0,58	0,32	0,89	0,00	1,05	0,46	0,30	0,58	0,89
B01JA014	0,00	0,99	0,00	0,32	0,32	0,74	0,00	0,00	0,46	0,23
B01JA021	0,00	0,99	0,00	0,32	0,32	0,74	0,00	0,00	0,46	0,23
B01JB014	0,32	0,79	0,00	0,00	0,68	0,52	0,00	0,00	0,46	0,00
B01JB021	0,32	0,79	0,00	0,00	0,68	0,52	0,00	0,00	0,46	0,00
B01KA014	0,00	0,46	0,00	0,32	0,99	0,46	0,46	0,00	0,46	0,58
B01KA021	0,00	0,46	0,00	0,32	0,99	0,46	0,46	0,00	0,46	0,58
B01KB014	0,00	0,99	0,00	0,58	0,00	0,94	0,00	0,00	0,32	0,79
B01KB021	0,00	0,99	0,00	0,58	0,00	0,94	0,00	0,00	0,32	0,79
B01KC014	0,00	1,25	0,00	0,00	0,32	0,74	0,89	0,00	0,79	1,57
B01KC021	0,00	1,25	0,00	0,00	0,32	0,74	0,89	0,00	0,79	1,57

sample code	FOR	CROP	O_GRAS	URB	VILL	LUI	S_ZEN	R_BED	W_RIP	BA_FIX
B01KX014	0,00	0,79	0,00	0,00	0,79	0,52	0,46	0,30	0,58	0,00
B01KX021	0,00	0,79	0,00	0,00	0,79	0,52	0,46	0,30	0,58	0,00
B01KY014	0,46	0,58	0,00	0,00	0,79	0,40	0,46	0,00	0,68	0,79
B01KY021	0,46	0,58	0,00	0,00	0,79	0,40	0,46	0,00	0,68	0,79
B01LO014	0,32	0,79	0,00	0,00	0,68	0,52	0,00	0,30	0,68	0,00
B01LO021	0,32	0,79	0,00	0,00	0,68	0,52	0,00	0,30	0,68	0,00
B01LP014	0,32	0,68	0,00	0,00	0,79	0,46	0,00	0,00	0,00	0,89
B01LP021	0,32	0,68	0,00	0,00	0,79	0,46	0,00	0,00	0,00	0,89
B01ME014	0,32	1,11	0,00	0,00	0,32	0,68	0,46	0,00	0,89	0,68
B01ME021	0,32	1,11	0,00	0,00	0,32	0,68	0,46	0,00	0,89	0,68
B01PU014	0,32	1,11	0,00	0,00	0,32	0,68	0,00	0,30	0,00	0,00
B01PU021	0,32	1,11	0,00	0,00	0,32	0,68	0,00	0,30	0,00	0,00
B01RA014	0,00	0,68	0,00	0,00	0,68	0,68	0,46	0,00	0,58	0,00
B01RA021	0,00	0,68	0,00	0,00	0,68	0,68	0,46	0,00	0,58	0,00
B01SA014	0,00	1,25	0,00	0,32	0,00	0,84	0,46	0,00	0,46	0,79
B01SA021	0,00	1,25	0,00	0,32	0,00	0,84	0,46	0,00	0,46	0,79
B01TA014	0,46	0,32	0,00	0,00	0,99	0,23	0,46	0,00	0,58	0,79
B01TC014	0,32	1,11	0,00	0,00	0,32	0,68	0,00	0,00	0,32	1,57
B01TC021	0,32	1,11	0,00	0,00	0,32	0,68	0,00	0,00	0,32	1,57
B01TJ014	0,32	1,11	0,00	0,00	0,32	0,68	0,00	0,00	0,46	0,23
B01TJ021	0,32	1,11	0,00	0,00	0,32	0,68	0,00	0,00	0,46	0,23
B01TU014	0,00	1,11	0,00	0,32	0,00	0,89	0,00	0,00	0,00	0,23
B01TU021	0,00	1,11	0,00	0,32	0,00	0,89	0,00	0,00	0,00	0,23
B01TV014	0,32	1,11	0,00	0,00	0,32	0,68	0,00	0,00	0,00	0,00
B01TV021	0,32	1,11	0,00	0,00	0,32	0,68	0,00	0,00	0,00	0,00
B01XB014	0,00	0,32	0,00	0,32	0,99	0,52	0,46	0,30	0,58	0,00
B01XB021	0,00	0,32	0,00	0,32	0,99	0,52	0,46	0,30	0,58	0,00
B01YB014	0,00	0,32	0,00	0,32	0,99	0,52	0,46	0,30	0,68	0,00
B01YB021	0,00	0,32	0,00	0,32	0,99	0,52	0,46	0,30	0,68	0,00
I05AS013	0,00	0,68	0,32	0,00	0,00	0,46	0,00	0,30	0,00	0,00
I05AS041	0,00	0,68	0,32	0,00	0,00	0,46	0,00	0,30	0,00	0,00
I05BE013	0,00	0,89	0,00	0,32	0,00	0,79	0,00	0,00	0,58	0,79
I05BE041	0,00	0,89	0,00	0,32	0,00	0,79	0,00	0,00	0,58	0,79
I05DE013	0,00	0,58	0,00	0,00	0,00	0,40	0,00	0,30	0,68	0,52
I05DE021	0,00	0,58	0,00	0,00	0,00	0,40	0,00	0,30	0,68	0,52
I05DP011	0,79	0,00	0,00	0,00	0,46	0,00	0,00	0,30	0,99	0,00
I05KH013	0,00	1,57	0,00	0,00	0,00	0,79	0,00	0,30	0,00	0,79
I05KH033	0,00	0,79	0,00	0,46	0,00	0,74	0,00	0,30	0,32	0,52

sample code	FOR	CROP	O_GRAS	URB	VILL	LUI	S_ZEN	R_BED	W_RIP	BA_FIX
I05KH071	0,00	0,79	0,00	0,46	0,00	0,74	0,00	0,30	0,32	0,52
I05KH081	0,00	1,57	0,00	0,00	0,00	0,79	0,00	0,30	0,00	0,79
I05KO013	0,00	1,11	0,32	0,00	0,00	0,68	0,00	0,30	0,00	0,00
I05KO021	0,00	1,11	0,32	0,00	0,00	0,68	0,00	0,30	0,00	0,00
I05KO031	0,89	0,00	0,32	0,46	0,00	0,46	0,00	0,30	0,58	0,32
I05MA013	0,00	1,25	0,00	0,32	0,00	0,84	0,00	0,30	0,00	0,00
I05MA021	0,00	1,25	0,00	0,32	0,00	0,84	0,00	0,30	0,00	0,00
I05PA013	0,32	1,11	0,32	0,00	0,00	0,68	0,00	0,30	0,32	0,79
I05PA021	0,32	1,11	0,32	0,00	0,00	0,68	0,00	0,30	0,32	0,79
I05RY011	1,57	0,00	0,00	0,00	0,00	0,00	0,46	0,30	1,11	1,17
I05SO013	0,46	0,00	0,58	0,32	0,00	0,46	0,00	0,00	0,68	0,79
I05SO023	0,89	0,58	0,00	0,00	0,00	0,40	0,00	0,00	0,68	0,00
I05SO061	0,46	0,00	0,58	0,32	0,00	0,46	0,00	0,00	0,68	0,79
I05SU013	0,99	0,00	0,58	0,00	0,00	0,00	0,00	0,00	1,11	0,00
I05SU101	0,99	0,00	0,58	0,00	0,00	0,00	0,00	0,00	1,11	0,00
I05TE013	0,89	0,00	0,58	0,00	0,00	0,00	0,46	0,00	1,57	0,00
I05TE061	0,89	0,00	0,58	0,00	0,00	0,00	0,46	0,00	1,57	0,00
I05TU061	0,89	0,58	0,32	0,00	0,00	0,40	0,00	0,00	0,58	0,00
I05YA013	0,00	0,00	0,89	0,00	0,00	0,00	0,00	0,00	0,00	0,00
I05YA021	0,00	0,00	0,89	0,00	0,00	0,00	0,00	0,00	0,00	0,00
N01BA011	0,00	0,00	0,79	0,00	0,00	0,00	0,00	0,00	0,00	0,00
N01BA013	0,00	0,00	0,79	0,00	0,00	0,00	0,00	0,00	0,00	0,00
N01BA021	0,32	0,99	0,46	0,00	0,00	0,63	0,00	0,00	1,11	0,00
N01BA023	0,32	0,99	0,46	0,00	0,00	0,63	0,00	0,00	1,11	0,00
N01BA031	0,00	0,32	0,32	1,11	0,00	1,17	0,00	0,00	0,00	0,00
N01BG011	0,00	0,00	0,68	0,32	0,00	0,32	0,00	0,00	0,00	1,57
N01BG013	0,00	0,00	0,68	0,32	0,00	0,32	0,00	0,00	0,00	1,57
N01BG021	0,00	0,00	0,79	0,00	0,00	0,00	0,00	0,00	0,00	1,57
N01CH011	1,11	0,00	0,46	0,00	0,00	0,00	0,68	0,00	0,58	0,00
N01CH013	1,11	0,00	0,46	0,00	0,00	0,00	0,68	0,00	0,58	0,00
N01CH021	0,68	0,79	0,00	0,32	0,00	0,63	0,46	0,00	0,46	0,00
N01CH023	0,68	0,79	0,00	0,32	0,00	0,63	0,46	0,00	0,46	0,00
N01DO011	0,00	0,00	0,79	0,00	0,00	0,00	0,00	0,00	0,00	0,00
N01JH021	0,00	1,57	0,00	0,00	0,00	0,79	0,00	0,00	0,00	0,00
N01JH023	0,00	1,57	0,00	0,00	0,00	0,79	0,00	0,00	0,00	0,00
N01JH031	0,00	0,00	1,11	0,00	0,00	0,00	0,00	0,00	0,00	0,00
N01JH033	0,00	0,00	1,11	0,00	0,00	0,00	0,00	0,00	0,00	0,00
N01KA011	0,00	1,25	0,00	0,32	0,00	0,84	0,00	0,00	0,00	0,00

sample code	FOR	CROP	O_GRAS	URB	VILL	LUI	S_ZEN	R_BED	W_RIP	BA_FIX
N01KA013	0,00	1,25	0,00	0,32	0,00	0,84	0,00	0,00	0,00	0,00
N01LA011	1,57	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,99	0,00
N01LA013	1,57	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,99	0,00
N01LA021	0,99	0,00	0,58	0,00	0,00	0,00	0,00	0,00	0,79	0,00
N01LB011	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
N01SO011	0,32	1,11	0,32	0,00	0,00	0,68	0,00	0,00	0,32	0,00
N01SO013	0,32	1,11	0,32	0,00	0,00	0,68	0,00	0,00	0,32	0,00
N01TR011	0,32	1,25	0,00	0,00	0,00	0,74	0,00	0,00	0,00	0,00

BE_FIX = % bed fixation, R_VEG = removal lack of natural floodplain vegetation, F_TYP = number flow types, L_IMP = longitudinal impoundments, HYI = Hydromorphology Index, NS_POL = non-source pollution, S_OVE = sewage overflows, EUT = eutrophication, W_USE = number water uses, FISH = fisheries.

sample code	BE_FIX	R_VEG	F_TYP	L_IMP	HYI	NS_POL	S_OVE	EUT	W_USE	FISH
B01BA014	0,00	0,30	0,30	0,00	1,08	0,00	0,30	0,30	0,48	0,00
B01BA021	0,00	0,30	0,30	0,00	1,08	0,00	0,30	0,30	0,78	0,30
B01BB014	0,00	0,30	0,30	0,30	0,00	0,30	0,00	0,30	0,48	0,30
B01BB021	0,00	0,30	0,30	0,30	0,00	0,30	0,00	0,30	0,30	0,00
B01BG014	0,00	0,30	0,30	0,00	0,58	0,30	0,30	0,30	0,60	0,30
B01BG021	0,00	0,30	0,30	0,00	0,58	0,30	0,30	0,30	0,78	0,30
B01BH014	0,00	0,30	0,30	0,30	0,84	0,30	0,00	0,30	0,30	0,00
B01BH021	0,00	0,30	0,30	0,30	0,84	0,30	0,00	0,30	0,60	0,30
B01BO014	0,00	0,00	0,30	0,00	1,14	0,30	0,00	0,00	0,70	0,00
B01BO021	0,00	0,00	0,30	0,00	1,14	0,30	0,00	0,00	0,48	0,00
B01BP014	0,00	0,30	0,30	0,30	0,79	0,30	0,00	0,30	0,60	0,30
B01BP021	0,00	0,30	0,30	0,30	0,79	0,30	0,00	0,30	0,48	0,30
B01BQ014	0,00	0,30	0,30	0,30	0,86	0,30	0,00	0,30	0,60	0,30
B01BQ021	0,00	0,30	0,30	0,30	0,86	0,30	0,00	0,30	0,60	0,30
B01BR014	0,46	0,30	0,30	0,30	0,23	0,30	0,00	0,30	0,60	0,30
B01BR021	0,46	0,30	0,30	0,30	0,23	0,30	0,00	0,30	0,48	0,30
B01BS014	0,00	0,00	0,30	0,00	0,84	0,00	0,30	0,30	0,70	0,00
B01BS021	0,00	0,00	0,30	0,00	0,84	0,00	0,30	0,30	0,48	0,30
B01BX014	0,00	0,30	0,30	0,00	0,58	0,30	0,00	0,30	0,60	0,30
B01BX021	0,00	0,30	0,30	0,00	0,58	0,30	0,00	0,30	0,48	0,00
B01BZ014	0,00	0,30	0,30	0,30	0,23	0,30	0,00	0,30	0,48	0,00
B01BZ021	0,00	0,30	0,30	0,30	0,23	0,30	0,00	0,30	0,60	0,00
B01CH014	0,00	0,30	0,30	0,30	0,40	0,30	0,00	0,30	0,48	0,00
B01CH021	0,00	0,30	0,30	0,30	0,40	0,30	0,00	0,30	0,60	0,30
B01FO014	0,00	0,00	0,30	0,00	1,17	0,30	0,00	0,30	0,48	0,30
B01FO021	0,00	0,00	0,30	0,00	1,17	0,30	0,00	0,30	0,48	0,30
B01GA014	0,00	0,30	0,30	0,00	0,81	0,30	0,00	0,30	0,48	0,00
B01GA021	0,00	0,30	0,30	0,00	0,81	0,30	0,00	0,30	0,60	0,00
B01JA014	0,00	0,30	0,30	0,00	0,81	0,30	0,00	0,30	0,48	0,00
B01JA021	0,00	0,30	0,30	0,00	0,81	0,30	0,00	0,30	0,60	0,30
B01JB014	0,00	0,30	0,30	0,00	0,84	0,30	0,00	0,30	0,48	0,00
B01JB021	0,00	0,30	0,30	0,00	0,84	0,30	0,00	0,30	0,48	0,30
B01KA014	0,58	0,30	0,30	0,00	0,61	0,30	0,00	0,30	0,30	0,30
B01KA021	0,58	0,30	0,30	0,00	0,61	0,30	0,00	0,30	0,70	0,30
B01KB014	0,00	0,30	0,30	0,30	0,55	0,30	0,00	0,30	0,60	0,30
B01KB021	0,00	0,30	0,30	0,30	0,55	0,30	0,00	0,30	0,70	0,00
B01KC014	0,00	0,30	0,30	0,30	0,66	0,30	0,00	0,30	0,70	0,30
B01KC021	0,00	0,30	0,30	0,30	0,66	0,30	0,00	0,30	0,48	0,30

sample code	BE_FIX	R_VEG	F_TYP	L_IMP	HYI	NS_POL	S_OVE	EUT	W_USE	FISH
B01KX014	0,00	0,00	0,30	0,00	0,86	0,30	0,30	0,30	0,70	0,30
B01KX021	0,00	0,00	0,30	0,00	0,86	0,30	0,30	0,30	0,60	0,30
B01KY014	0,00	0,30	0,30	0,30	0,63	0,30	0,00	0,30	0,60	0,30
B01KY021	0,00	0,30	0,30	0,30	0,63	0,30	0,00	0,30	0,48	0,30
B01LO014	0,00	0,30	0,30	0,00	0,89	0,30	0,00	0,30	0,60	0,30
B01LO021	0,00	0,30	0,30	0,00	0,89	0,30	0,00	0,30	0,48	0,00
B01LP014	0,00	0,00	0,30	0,00	0,74	0,30	0,30	0,30	0,48	0,30
B01LP021	0,00	0,00	0,30	0,00	0,74	0,30	0,30	0,30	0,30	0,00
B01ME014	0,00	0,30	0,30	0,30	0,74	0,30	0,00	0,30	0,48	0,00
B01ME021	0,00	0,30	0,30	0,30	0,74	0,30	0,00	0,30	0,48	0,00
B01PU014	0,00	0,30	0,30	0,00	0,79	0,30	0,00	0,30	0,60	0,30
B01PU021	0,00	0,30	0,30	0,00	0,79	0,30	0,00	0,30	0,48	0,00
B01RA014	0,00	0,30	0,30	0,00	0,86	0,30	0,00	0,30	0,70	0,30
B01RA021	0,00	0,30	0,30	0,00	0,86	0,30	0,00	0,30	0,60	0,30
B01SA014	0,00	0,30	0,30	0,00	0,84	0,30	0,00	0,30	0,60	0,30
B01SA021	0,00	0,30	0,30	0,00	0,84	0,30	0,00	0,30	0,48	0,00
B01TA014	0,00	0,00	0,48	0,30	0,61	0,30	0,00	0,30	0,60	0,30
B01TC014	0,00	0,30	0,30	0,30	0,00	0,30	0,00	0,30	0,60	0,30
B01TC021	0,00	0,30	0,30	0,30	0,00	0,30	0,00	0,30	0,48	0,00
B01TJ014	0,32	0,30	0,30	0,00	1,02	0,30	0,00	0,30	0,30	0,00
B01TJ021	0,32	0,30	0,30	0,00	1,02	0,30	0,00	0,30	0,60	0,30
B01TU014	0,00	0,00	0,30	0,00	1,02	0,00	0,30	0,30	0,48	0,00
B01TU021	0,00	0,00	0,30	0,00	1,02	0,00	0,30	0,30	0,70	0,30
B01TV014	0,00	0,30	0,30	0,30	1,05	0,30	0,00	0,30	0,70	0,30
B01TV021	0,00	0,30	0,30	0,30	1,05	0,30	0,00	0,30	0,60	0,30
B01XB014	0,00	0,30	0,30	0,00	0,61	0,00	0,30	0,30	0,60	0,30
B01XB021	0,00	0,30	0,30	0,00	0,61	0,00	0,30	0,30	0,60	0,30
B01YB014	0,00	0,30	0,30	0,00	0,63	0,00	0,30	0,30	0,48	0,30
B01YB021	0,00	0,30	0,00	0,00	0,63	0,00	0,30	0,30	0,85	0,30
I05AS013	0,00	0,30	0,30	0,00	1,05	0,30	0,00	0,30	0,70	0,00
I05AS041	0,00	0,30	0,30	0,00	1,05	0,30	0,00	0,30	0,48	0,00
I05BE013	0,00	0,30	0,30	0,00	0,86	0,30	0,00	0,30	0,60	0,30
I05BE041	0,00	0,30	0,00	0,00	0,86	0,30	0,00	0,30	0,60	0,30
I05DE013	0,00	0,30	0,30	0,00	1,02	0,30	0,00	0,30	0,48	0,00
I05DE021	0,00	0,30	0,60	0,00	1,02	0,30	0,00	0,30	0,48	0,00
I05DP011	0,00	0,30	0,48	0,00	1,29	0,00	0,00	0,30	0,60	0,00
I05KH013	0,00	0,30	0,30	0,00	0,79	0,30	0,00	0,30	0,60	0,00
I05KH033	0,00	0,30	0,30	0,30	0,68	0,30	0,30	0,30	0,60	0,30

sample code	BE_FIX	R_VEG	F_TYP	L_IMP	HYI	NS_POL	S_OVE	EUT	W_USE	FISH
I05KH071	0,00	0,30	0,30	0,30	0,68	0,30	0,30	0,30	0,60	0,00
I05KH081	0,00	0,30	0,30	0,00	0,79	0,30	0,00	0,30	0,60	0,00
I05KO013	0,00	0,30	0,30	0,00	1,05	0,30	0,00	0,00	0,30	0,00
I05KO021	0,00	0,30	0,48	0,00	1,05	0,30	0,00	0,00	0,48	0,30
I05KO031	0,00	0,30	0,60	0,00	1,08	0,00	0,00	0,30	0,48	0,00
I05MA013	0,00	0,30	0,30	0,00	1,05	0,30	0,30	0,30	0,48	0,00
I05MA021	0,00	0,30	0,30	0,00	1,05	0,30	0,30	0,30	0,30	0,00
I05PA013	0,00	0,30	0,30	0,00	0,81	0,30	0,30	0,30	0,48	0,00
I05PA021	0,00	0,30	0,30	0,00	0,81	0,30	0,30	0,30	0,30	0,00
I05RY011	0,00	0,00	0,48	0,00	0,81	0,00	0,00	0,30	0,48	0,00
I05SO013	0,00	0,30	0,48	0,00	0,89	0,00	0,00	0,30	0,00	0,00
I05SO023	0,00	0,30	0,30	0,00	1,17	0,00	0,00	0,00	0,00	0,00
I05SO061	0,00	0,30	0,60	0,00	0,89	0,00	0,00	0,30	0,48	0,00
I05SU013	0,00	0,00	0,60	0,00	1,35	0,00	0,30	0,30	0,60	0,00
I05SU101	0,00	0,00	0,48	0,00	1,35	0,00	0,30	0,30	0,48	0,00
I05TE013	0,00	0,00	0,70	0,00	1,57	0,00	0,00	0,00	0,00	0,00
I05TE061	0,00	0,00	0,70	0,00	1,57	0,00	0,00	0,00	0,48	0,00
I05TU061	0,00	0,30	0,30	0,00	1,14	0,30	0,30	0,30	0,48	0,00
I05YA013	0,00	0,30	0,70	0,30	1,05	0,00	0,00	0,30	0,00	0,00
I05YA021	0,00	0,30	0,70	0,30	1,05	0,00	0,00	0,30	0,48	0,30
N01BA011	0,00	0,00	0,30	0,00	0,79	0,30	0,00	0,00	0,48	0,00
N01BA013	0,00	0,00	0,30	0,00	0,79	0,30	0,00	0,00	0,48	0,00
N01BA021	0,00	0,00	0,30	0,00	0,99	0,30	0,00	0,30	0,48	0,00
N01BA023	0,00	0,00	0,30	0,00	0,99	0,30	0,00	0,30	0,60	0,00
N01BA031	0,00	0,00	0,30	0,00	0,79	0,30	0,00	0,30	0,30	0,00
N01BG011	1,57	0,00	0,30	0,00	0,00	0,30	0,00	0,30	0,30	0,00
N01BG013	1,57	0,00	0,30	0,00	0,00	0,30	0,00	0,30	0,30	0,00
N01BG021	1,57	0,00	0,30	0,00	0,00	0,30	0,00	0,00	0,30	0,00
N01CH011	0,00	0,00	0,30	0,00	1,14	0,00	0,00	0,00	0,48	0,00
N01CH013	0,00	0,00	0,30	0,00	1,14	0,00	0,00	0,00	0,60	0,00
N01CH021	0,00	0,00	0,30	0,00	1,11	0,30	0,00	0,00	0,48	0,00
N01CH023	0,00	0,00	0,30	0,00	1,11	0,30	0,00	0,00	0,00	0,00
N01DO011	0,00	0,00	0,30	0,00	1,05	0,00	0,00	0,00	0,48	0,00
N01JH021	0,00	0,00	0,30	0,00	1,05	0,30	0,00	0,00	0,60	0,00
N01JH023	0,00	0,00	0,30	0,00	1,05	0,30	0,00	0,00	0,00	0,00
N01JH031	0,00	0,00	0,30	0,00	1,05	0,30	0,30	0,00	0,48	0,00
N01JH033	0,00	0,00	0,48	0,00	1,05	0,30	0,30	0,00	0,00	0,00
N01KA011	0,00	0,00	0,30	0,00	1,05	0,30	0,00	0,00	0,60	0,00

sample code	BE_FIX	R_VEG	F_TYP	L_IMP	HYI	NS_POL	S_OVE	EUT	W_USE	FISH
N01KA013	0,00	0,00	0,30	0,00	1,05	0,30	0,00	0,00	0,60	0,00
N01LA011	0,00	0,00	0,30	0,00	1,29	0,00	0,00	0,00	0,48	0,00
N01LA013	0,00	0,00	0,48	0,00	1,29	0,00	0,00	0,00	0,48	0,30
N01LA021	0,00	0,00	0,30	0,00	1,21	0,30	0,00	0,00	0,60	0,00
N01LB011	0,00	0,00	0,30	0,00	1,05	0,30	0,00	0,00	0,48	0,00
N01SO011	0,00	0,00	0,30	0,00	1,08	0,30	0,00	0,00	0,48	0,00
N01SO013	0,00	0,00	0,30	0,00	1,08	0,30	0,00	0,00	0,00	0,00
N01TR011	0,00	0,00	0,30	0,00	1,05	0,30	0,30	0,00	0,48	0,00

C_WAT = cattle watering place, RUBB = rubbish, FAE = faeces, WAS = washing/bathing, FOA = foam, TUR = turbidity, CON = conductivity, OXY = oxygen saturation, BOD = biological oxygen demands, NIT = nitrate.

sample code	C_WAT	RUBB	FAE	WAS	FOA	TUR	CON	OXY	BOD	NIT
B01BA014	0,00	0,30	0,00	0,30	0,00	0,30	2,42	1,86	0,72	0,83
B01BA021	0,00	0,00	0,30	0,30	0,00	0,30	2,97	1,88	1,26	1,69
B01BB014	0,00	0,30	0,30	0,30	0,00	0,30	2,73	2,01	1,22	0,83
B01BB021	0,30	0,00	0,30	0,30	0,00	0,30	0,89	1,86	0,92	1,13
B01BG014	0,00	0,30	0,30	0,30	0,30	0,30	2,84	0,75	2,06	0,97
B01BG021	0,30	0,30	0,30	0,30	0,30	0,30	3,01	1,47	0,98	1,00
B01BH014	0,00	0,30	0,30	0,30	0,00	0,30	2,18	1,86	0,58	0,94
B01BH021	0,30	0,00	0,30	0,30	0,30	0,30	2,17	1,88	0,76	1,16
B01BO014	0,30	0,00	0,00	0,30	0,00	0,00	2,01	1,96	0,20	1,00
B01BO021	0,30	0,00	0,00	0,30	0,30	0,30	2,16	1,90	0,68	1,29
B01BP014	0,30	0,00	0,00	0,30	0,30	0,30	2,00	1,93	0,34	0,88
B01BP021	0,30	0,00	0,30	0,30	0,00	0,30	2,11	1,93	0,78	1,20
B01BQ014	0,30	0,00	0,00	0,30	0,30	0,30	2,42	1,86	0,72	0,91
B01BQ021	0,30	0,00	0,30	0,30	0,00	0,30	2,14	1,89	0,52	1,21
B01BR014	0,30	0,00	0,00	0,30	0,00	0,30	2,24	1,81	0,56	1,45
B01BR021	0,30	0,00	0,30	0,30	0,30	0,30	2,12	1,85	0,67	0,98
B01BS014	0,30	0,00	0,00	0,30	0,00	0,00	2,52	1,83	0,58	0,86
B01BS021	0,00	0,00	0,30	0,30	0,00	0,30	2,25	1,91	0,93	0,98
B01BX014	0,30	0,30	0,30	0,30	0,00	0,30	2,12	1,91	0,66	0,90
B01BX021	0,00	0,00	0,30	0,30	0,00	0,30	2,34	2,01	0,73	0,99
B01BZ014	0,00	0,00	0,30	0,30	0,00	0,30	2,12	1,81	0,30	1,15
B01BZ021	0,30	0,00	0,30	0,30	0,00	0,30	2,44	1,92	0,64	1,07
B01CH014	0,30	0,00	0,00	0,30	0,00	0,30	2,05	1,88	0,32	0,67
B01CH021	0,30	0,00	0,30	0,30	0,00	0,30	2,07	1,93	0,95	0,94
B01FO014	0,00	0,00	0,00	0,30	0,00	0,00	2,50	1,84	0,30	1,08
B01FO021	0,30	0,00	0,30	0,30	0,00	0,30	2,78	2,16	0,93	1,01
B01GA014	0,30	0,30	0,30	0,30	0,30	0,30	2,37	1,81	0,58	1,28
B01GA021	0,30	0,00	0,30	0,30	0,00	0,30	1,96	1,84	0,46	1,02
B01JA014	0,30	0,30	0,00	0,30	0,30	0,30	2,63	1,80	0,34	0,85
B01JA021	0,30	0,00	0,30	0,30	0,00	0,00	2,71	1,90	0,53	0,97
B01JB014	0,30	0,30	0,00	0,30	0,00	0,00	2,23	1,97	0,53	0,42
B01JB021	0,30	0,00	0,30	0,00	0,00	0,30	2,55	1,98	0,54	1,06
B01KA014	0,00	0,00	0,00	0,30	0,00	0,30	2,23	1,73	0,78	0,37
B01KA021	0,30	0,00	0,30	0,30	0,00	0,30	2,51	1,86	0,99	1,15
B01KB014	0,30	0,30	0,00	0,30	0,00	0,30	2,73	1,71	1,11	0,51
B01KB021	0,30	0,30	0,30	0,30	0,00	0,30	3,31	1,65	1,46	1,65
B01KC014	0,30	0,00	0,00	0,30	0,00	0,30	2,50	1,84	0,52	0,90
B01KC021	0,00	0,30	0,00	0,30	0,00	0,30	2,44	1,95	0,78	0,97

sample code	C_WAT	RUBB	FAE	WAS	FOA	TUR	CON	OXY	BOD	NIT
B01KX014	0,30	0,30	0,30	0,30	0,00	0,30	2,40	1,86	0,73	0,53
B01KX021	0,30	0,30	0,30	0,30	0,30	0,30	2,72	1,91	1,38	1,09
B01KY014	0,30	0,00	0,30	0,00	0,30	0,30	2,39	2,05	0,76	0,98
B01KY021	0,30	0,00	0,30	0,30	0,00	0,30	2,44	1,81	0,76	1,15
B01LO014	0,30	0,30	0,30	0,30	0,00	0,30	2,66	1,80	0,59	0,90
B01LO021	0,30	0,00	0,30	0,30	0,00	0,30	2,75	1,75	0,76	1,14
B01LP014	0,00	0,00	0,00	0,30	0,00	0,30	2,64	1,68	0,67	0,82
B01LP021	0,00	0,30	0,30	0,00	0,30	0,30	3,45	1,26	1,88	1,87
B01ME014	0,30	0,00	0,00	0,30	0,00	0,30	2,00	1,82	0,32	1,06
B01ME021	0,30	0,30	0,30	0,30	0,30	0,30	2,06	1,99	0,69	1,00
B01PU014	0,30	0,00	0,00	0,30	0,00	0,30	2,66	2,01	0,52	0,80
B01PU021	0,30	0,30	0,30	0,30	0,00	0,30	2,59	1,85	0,78	1,08
B01RA014	0,30	0,30	0,30	0,30	0,00	0,30	2,20	1,60	0,70	0,58
B01RA021	0,30	0,00	0,30	0,30	0,00	0,30	2,35	1,83	0,20	1,11
B01SA014	0,30	0,00	0,30	0,30	0,00	0,30	2,31	1,69	0,73	0,56
B01SA021	0,30	0,00	0,30	0,30	0,00	0,30	2,58	1,84	1,01	1,00
B01TA014	0,30	0,00	0,30	0,30	0,00	0,30	2,02	1,88	0,70	0,92
B01TC014	0,30	0,30	0,30	0,30	0,00	0,30	2,62	1,86	0,79	0,85
B01TC021	0,00	0,00	0,30	0,30	0,00	0,30	2,64	1,76	1,11	1,19
B01TJ014	0,30	0,00	0,00	0,30	0,00	0,00	2,42	1,86	0,72	0,91
B01TJ021	0,30	0,30	0,30	0,30	0,00	0,30	2,37	1,67	0,82	1,01
B01TU014	0,00	0,30	0,00	0,30	0,00	0,30	2,42	1,86	0,72	0,91
B01TU021	0,00	0,30	0,30	0,00	0,00	0,30	3,13	1,76	1,23	1,70
B01TV014	0,30	0,00	0,30	0,30	0,00	0,30	2,72	1,64	1,11	0,90
B01TV021	0,00	0,00	0,30	0,30	0,00	0,30	2,45	1,59	0,93	1,13
B01XB014	0,30	0,30	0,30	0,30	0,00	0,30	2,34	1,85	0,46	0,80
B01XB021	0,30	0,30	0,30	0,30	0,30	0,30	2,58	1,73	0,56	1,06
B01YB014	0,00	0,30	0,30	0,30	0,00	0,30	2,34	1,82	0,51	0,81
B01YB021	0,00	0,30	0,30	0,30	0,30	0,30	2,59	1,89	0,64	1,18
I05AS013	0,30	0,30	0,30	0,00	0,30	0,30	2,71	2,16	0,72	0,00
I05AS041	0,00	0,30	0,00	0,30	0,00	0,30	2,50	2,17	0,28	0,43
I05BE013	0,00	0,00	0,30	0,30	0,30	0,30	2,59	2,14	0,72	0,00
I05BE041	0,30	0,30	0,30	0,30	0,30	0,30	2,56	2,04	0,60	0,11
I05DE013	0,30	0,30	0,30	0,30	0,30	0,30	2,66	1,86	1,28	0,26
I05DE021	0,30	0,30	0,30	0,30	0,30	0,30	2,95	2,11	1,51	0,26
I05DP011	0,00	0,00	0,00	0,30	0,00	0,00	1,81	1,97	0,48	0,30
I05KH013	0,00	0,00	0,00	0,00	0,30	0,30	2,63	2,09	1,28	0,70
I05KH033	0,00	0,30	0,30	0,30	0,00	0,30	2,22	1,98	1,28	0,70

sample code	C_WAT	RUBB	FAE	WAS	FOA	TUR	CON	OXY	BOD	NIT
I05KH071	0,00	0,30	0,30	0,30	0,30	0,30	2,20	1,85	0,60	0,15
I05KH081	0,00	0,00	0,00	0,00	0,00	0,00	2,55	2,00	0,72	0,01
I05KO013	0,30	0,00	0,00	0,30	0,00	0,30	2,00	2,07	1,28	0,70
I05KO021	0,00	0,00	0,30	0,30	0,30	0,30	2,67	1,91	0,51	0,08
I05KO031	0,00	0,30	0,30	0,30	0,30	0,00	2,36	1,85	0,45	0,11
I05MA013	0,00	0,30	0,30	0,00	0,30	0,30	2,77	1,95	1,28	0,70
I05MA021	0,00	0,30	0,30	0,00	0,30	0,30	2,74	1,66	0,70	0,08
I05PA013	0,30	0,00	0,30	0,30	0,30	0,30	2,04	2,04	1,28	0,70
I05PA021	0,00	0,30	0,00	0,00	0,00	0,30	2,66	2,06	0,49	0,20
I05RY011	0,30	0,00	0,00	0,30	0,30	0,30	2,80	1,88	0,30	0,32
I05SO013	0,00	0,30	0,00	0,00	0,00	0,30	2,05	2,15	0,60	0,00
I05SO023	0,00	0,30	0,30	0,00	0,30	0,30	2,79	2,05	0,72	0,00
I05SO061	0,00	0,00	0,30	0,30	0,30	0,30	2,66	1,83	0,62	0,56
I05SU013	0,00	0,00	0,00	0,00	0,30	0,00	2,01	2,09	0,53	0,00
I05SU101	0,00	0,00	0,00	0,00	0,30	0,00	2,64	2,03	0,40	0,32
I05TE013	0,00	0,30	0,00	0,00	0,30	0,00	2,42	2,02	0,53	0,00
I05TE061	0,00	0,00	0,00	0,00	0,00	0,00	2,35	2,05	0,69	0,32
I05TU061	0,00	0,00	0,00	0,00	0,00	0,30	1,93	2,01	0,72	0,00
I05YA013	0,00	0,00	0,00	0,00	0,30	0,00	2,42	2,03	0,60	0,00
I05YA021	0,00	0,00	0,30	0,30	0,30	0,00	2,28	2,04	0,70	0,20
N01BA011	0,00	0,00	0,00	0,00	0,00	0,30	2,56	1,88	0,44	0,55
N01BA013	0,30	0,00	0,30	0,30	0,00	0,00	2,60	1,88	0,80	0,82
N01BA021	0,00	0,30	0,00	0,30	0,00	0,00	2,60	2,00	0,87	0,00
N01BA023	0,30	0,00	0,30	0,30	0,00	0,00	2,57	1,91	0,49	0,53
N01BA031	0,00	0,00	0,30	0,30	0,00	0,00	2,56	1,45	0,36	0,70
N01BG011	0,00	0,00	0,00	0,00	0,00	0,00	2,62	1,93	0,97	0,00
N01BG013	0,00	0,00	0,00	0,00	0,00	0,00	2,44	2,00	0,28	0,00
N01BG021	0,00	0,00	0,00	0,00	0,00	0,00	2,43	1,96	0,91	0,00
N01CH011	0,00	0,00	0,00	0,00	0,00	0,00	2,57	1,91	0,74	0,76
N01CH013	0,00	0,00	0,00	0,00	0,00	0,00	1,83	1,71	0,73	0,00
N01CH021	0,00	0,00	0,00	0,00	0,00	0,00	2,79	1,91	0,88	0,18
N01CH023	0,00	0,00	0,00	0,00	0,00	0,00	2,05	1,85	1,40	0,92
N01DO011	0,00	0,00	0,00	0,00	0,00	0,00	2,68	1,91	0,76	0,70
N01JH021	0,00	0,00	0,00	0,00	0,00	0,30	2,72	1,61	0,68	0,62
N01JH023	0,00	0,00	0,00	0,00	0,00	0,00	2,52	2,00	0,81	0,00
N01JH031	0,00	0,00	0,00	0,30	0,00	0,00	2,94	1,79	0,82	0,07
N01JH033	0,00	0,00	0,00	0,00	0,00	0,00	2,52	1,87	0,81	0,00
N01KA011	0,00	0,00	0,00	0,30	0,00	0,00	2,71	1,71	0,61	0,18

sample code	C_WAT	RUBB	FAE	WAS	FOA	TUR	CON	OXY	BOD	NIT
N01KA013	0,00	0,00	0,00	0,30	0,00	0,00	2,71	1,75	0,52	0,34
N01LA011	0,00	0,00	0,00	0,00	0,00	0,00	2,61	1,96	0,69	0,07
N01LA013	0,00	0,00	0,00	0,00	0,00	0,00	2,56	1,91	0,83	0,00
N01LA021	0,00	0,00	0,00	0,30	0,00	0,30	2,61	1,82	0,66	0,27
N01LB011	0,00	0,00	0,00	0,00	0,00	0,00	2,45	1,71	0,62	0,86
N01SO011	0,00	0,00	0,00	0,00	0,00	0,00	2,55	1,56	0,64	0,00
N01SO013	0,00	0,00	0,00	0,00	0,00	0,00	2,68	1,85	0,69	0,56
N01TR011	0,00	0,00	0,30	0,00	0,30	0,00	1,49	1,79	1,98	0,86

O_PHO = ortho-phosphate, E_COL
= e-coli counts

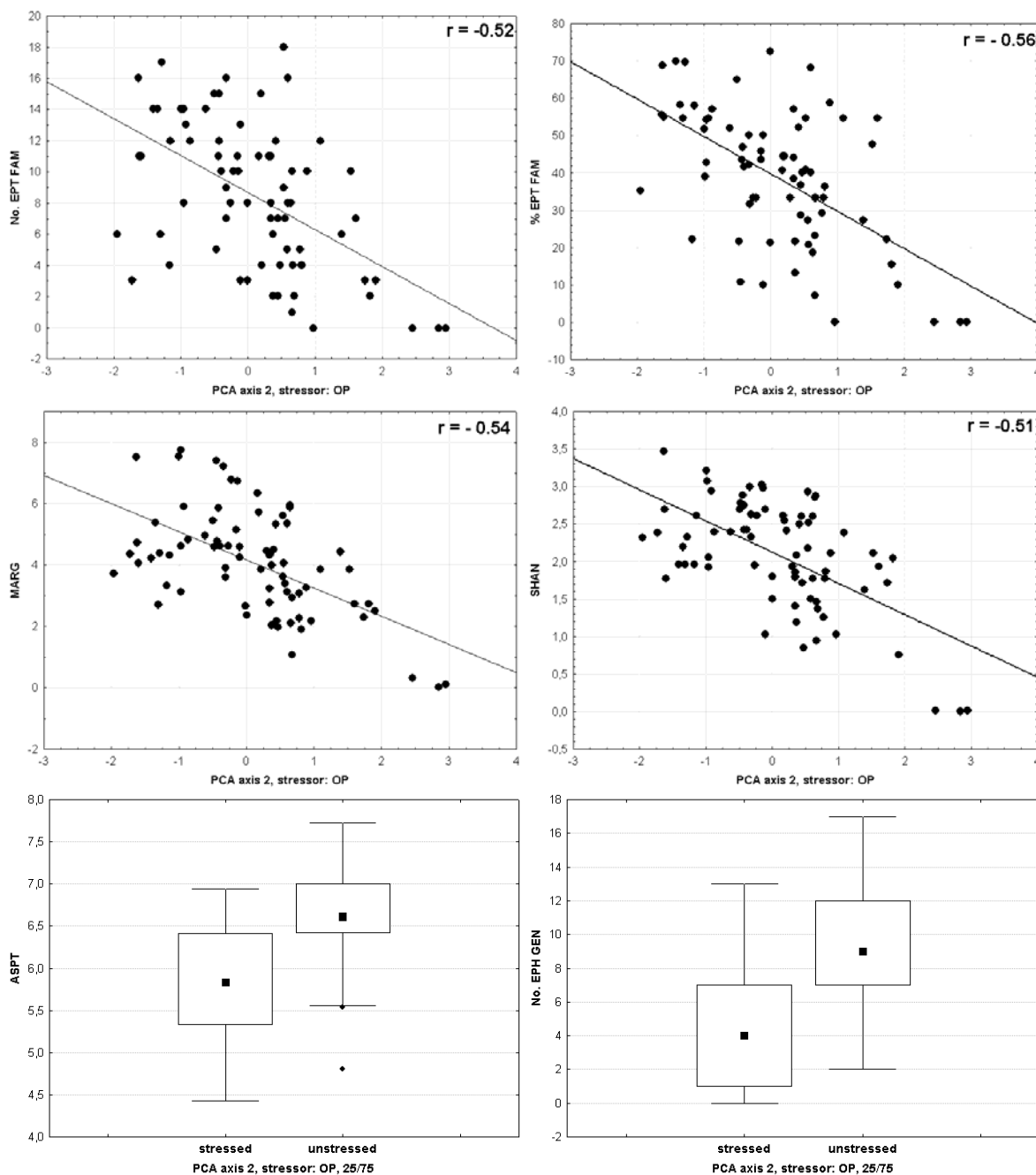
sample code	O_PHO	E_COL
B01BA014	1,03	2,21
B01BA021	0,74	4,00
B01BB014	2,60	2,32
B01BB021	0,43	2,12
B01BG014	1,51	2,21
B01BG021	0,70	4,35
B01BH014	2,63	2,61
B01BH021	0,14	0,00
B01BO014	2,30	2,20
B01BO021	0,13	1,32
B01BP014	2,12	2,61
B01BP021	0,11	0,00
B01BQ014	1,03	2,21
B01BQ021	0,09	0,00
B01BR014	2,73	1,96
B01BR021	0,11	1,61
B01BS014	2,95	3,02
B01BS021	0,53	2,38
B01BX014	2,46	3,29
B01BX021	0,09	2,62
B01BZ014	2,59	2,63
B01BZ021	0,12	0,95
B01CH014	2,34	2,79
B01CH021	0,16	2,21
B01FO014	2,80	3,12
B01FO021	0,36	3,15
B01GA014	2,47	2,60
B01GA021	0,08	2,33
B01JA014	3,04	1,79
B01JA021	0,28	1,91
B01JB014	1,95	2,67
B01JB021	0,31	2,68
B01KA014	2,40	2,38
B01KA021	0,26	1,32
B01KB014	2,95	2,83
B01KB021	0,85	1,79
B01KC014	2,53	2,59
B01KC021	0,16	1,89

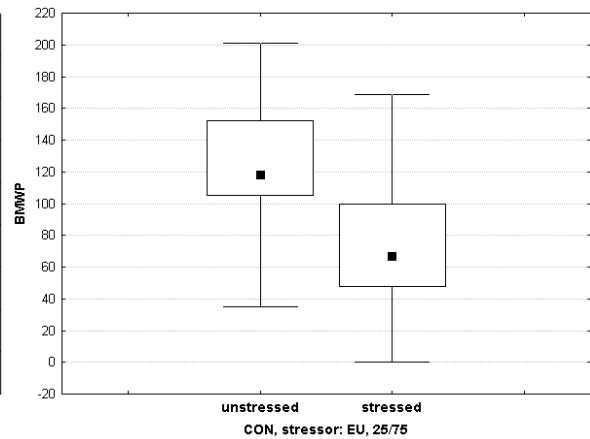
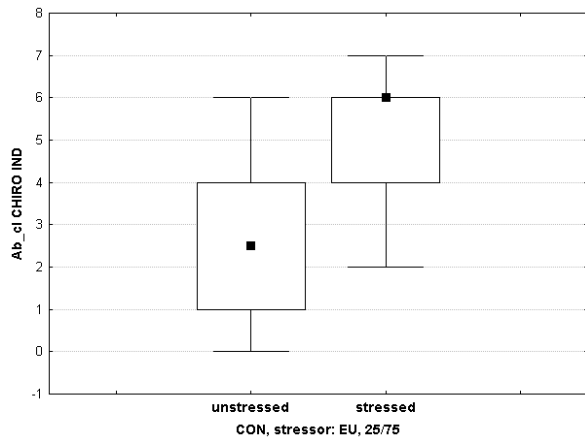
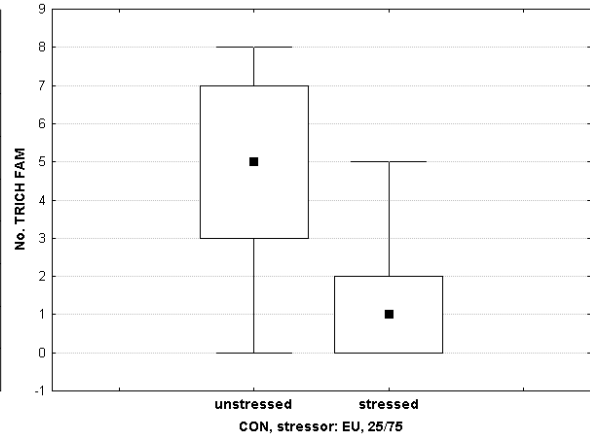
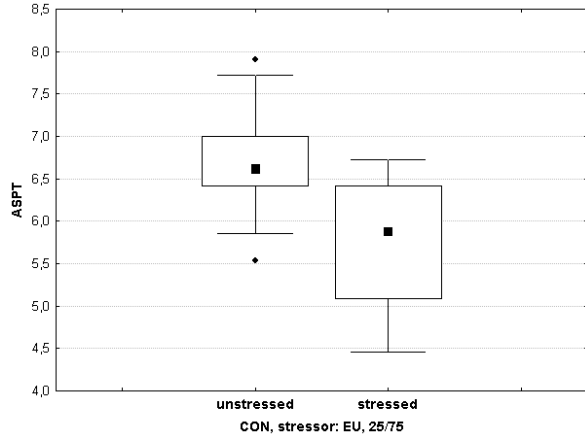
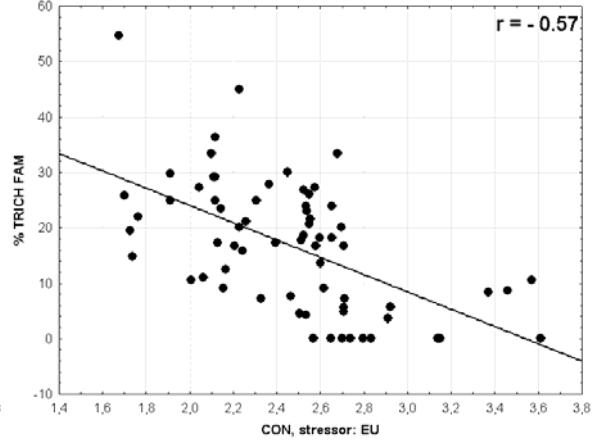
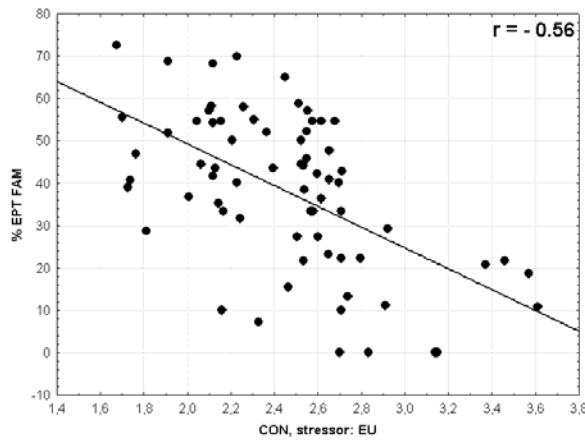
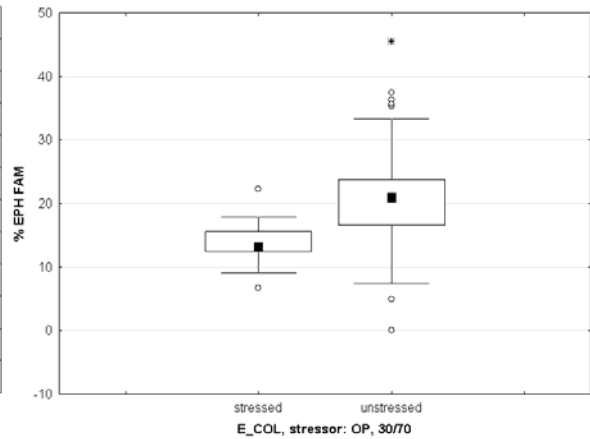
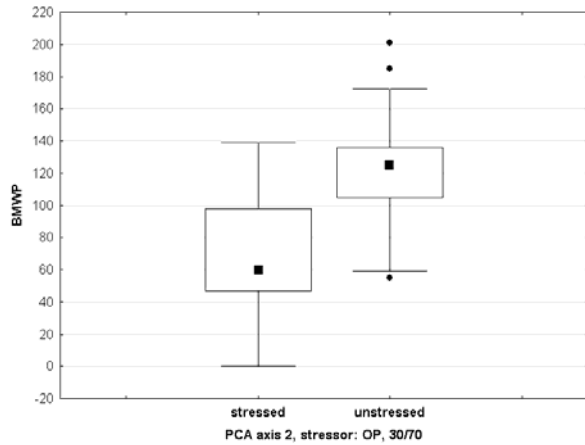
sample code	O_PHO	E_COL
B01KX014	2,78	4,00
B01KX021	0,70	3,30
B01KY014	2,71	2,99
B01KY021	0,29	1,43
B01LO014	3,09	2,81
B01LO021	0,27	2,05
B01LP014	2,80	3,06
B01LP021	0,88	2,70
B01ME014	2,49	1,93
B01ME021	0,09	1,04
B01PU014	2,90	2,32
B01PU021	0,26	1,43
B01RA014	2,33	2,15
B01RA021	0,36	2,28
B01SA014	2,69	3,24
B01SA021	0,35	1,04
B01TA014	2,51	4,00
B01TC014	2,43	2,86
B01TC021	0,29	3,97
B01TJ014	1,03	2,21
B01TJ021	0,11	3,59
B01TU014	1,03	2,21
B01TU021	0,88	2,68
B01TV014	2,63	2,70
B01TV021	0,14	3,53
B01XB014	2,73	2,12
B01XB021	0,20	1,23
B01YB014	2,62	3,29
B01YB021	0,31	1,99
I05AS013	1,03	2,21
I05AS041	2,18	2,70
I05BE013	1,03	2,21
I05BE041	2,05	3,20
I05DE013	0,58	3,44
I05DE021	3,81	3,20
I05DP011	2,05	2,70
I05KH013	0,58	3,44
I05KH033	0,58	3,44

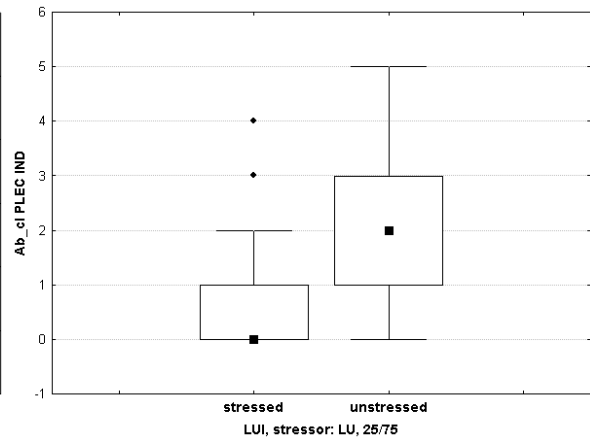
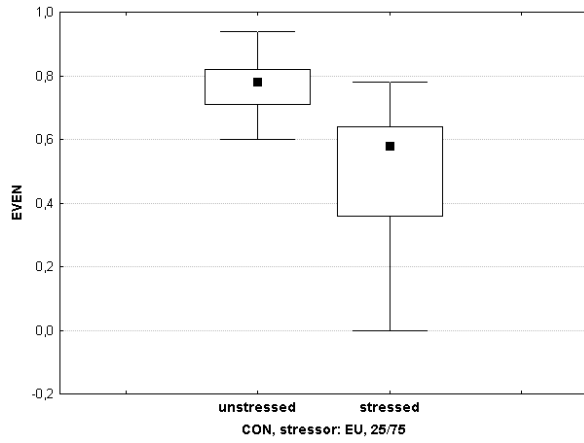
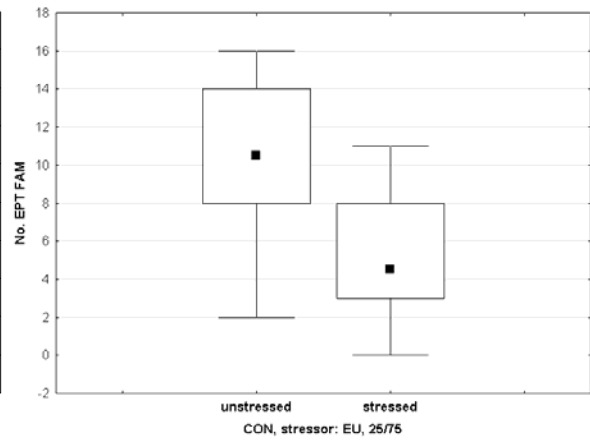
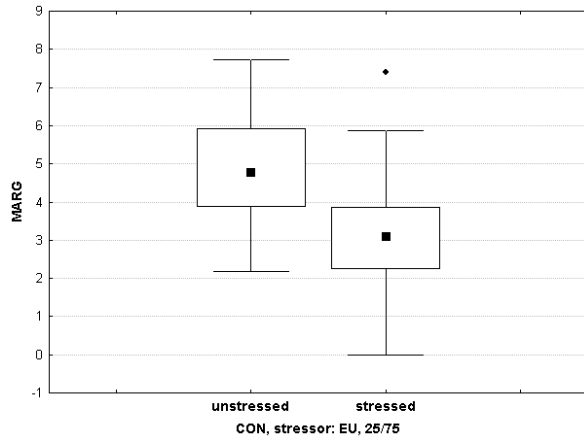
sample code	O_PHO	E_COL
I05KH071	2,32	3,20
I05KH081	1,85	2,21
I05KO013	0,58	3,44
I05KO021	2,08	2,95
I05KO031	1,79	2,70
I05MA013	0,58	3,44
I05MA021	2,40	3,20
I05PA013	0,58	3,44
I05PA021	2,12	2,95
I05RY011	2,36	2,48
I05SO013	0,46	2,57
I05SO023	1,03	2,21
I05SO061	2,30	3,20
I05SU013	1,95	2,67
I05SU101	2,30	2,95
I05TE013	1,95	2,67
I05TE061	2,28	3,20
I05TU061	1,03	2,21
I05YA013	0,46	2,57
I05YA021	1,91	3,20
N01BA011	0,08	3,50
N01BA013	0,01	3,54
N01BA021	0,04	2,35
N01BA023	0,05	3,54
N01BA031	0,05	3,48
N01BG011	0,07	2,43
N01BG013	0,20	2,70
N01BG021	1,03	2,83
N01CH011	0,06	2,47
N01CH013	0,02	2,70
N01CH021	0,07	2,83
N01CH023	0,59	3,70
N01DO011	0,08	2,70
N01JH021	0,09	2,73
N01JH023	0,05	0,00
N01JH031	0,10	3,24
N01JH033	0,05	0,00
N01KA011	0,07	2,36

sample code	O_PHO	E_COL
N01KA013	0,02	2,81
N01LA011	0,06	2,25
N01LA013	0,17	2,55
N01LA021	0,06	2,62
N01LB011	0,30	2,62
N01SO011	0,05	2,71
N01SO013	0,03	2,76
N01TR011	0,58	4,07

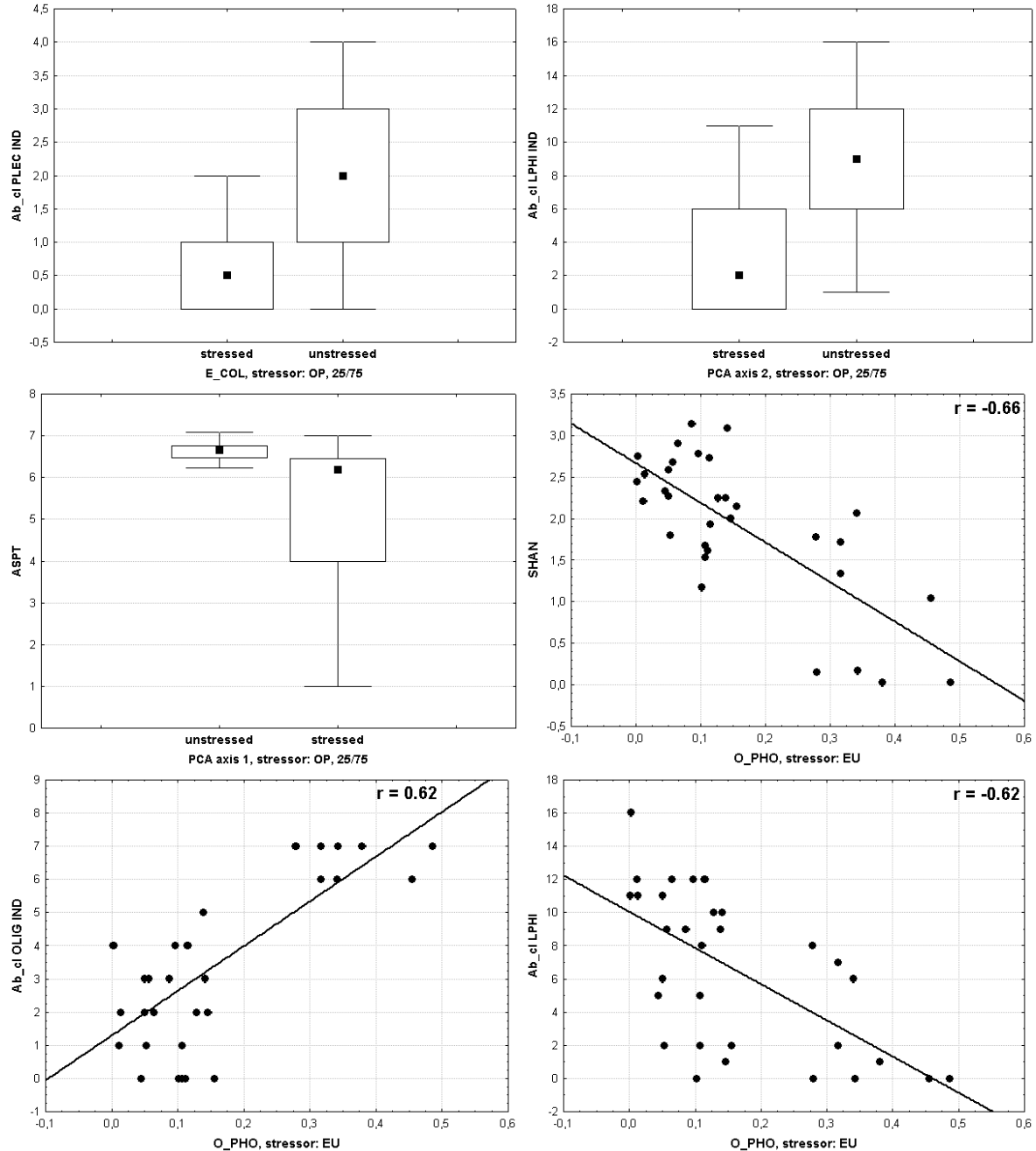
Candidate metrics Himalayan Subtropical Pine Forest. OP = Organic pollution, EU = Eutrophication, LU = Land-use, H-M = Hydromorphology, CON = Conductivity, E-COL = E-coli counts, LUI = Land-use Index, EPT = Ephemeroptera, Plecoptera, Trichoptera, EPH = Ephemeroptera, Trich = Trichoptera, PLEC = Plecoptera, CHIRO = Chironomidae, MARG = Margalef, SHAN = Shannon-Weaver Diversity, Ab_cl = Abundance class. 25/75 and 30/70 indicate %tile range of Box & Whisker interquartile.

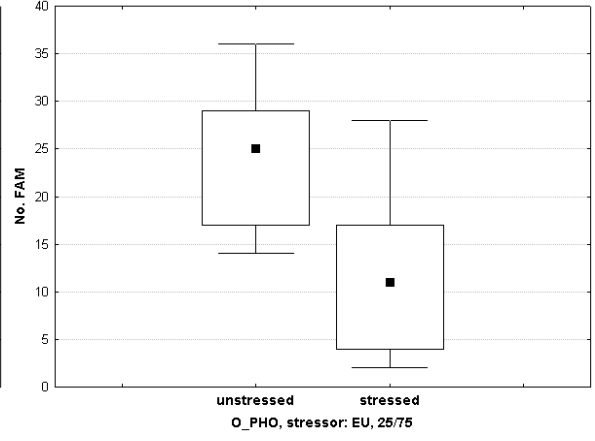
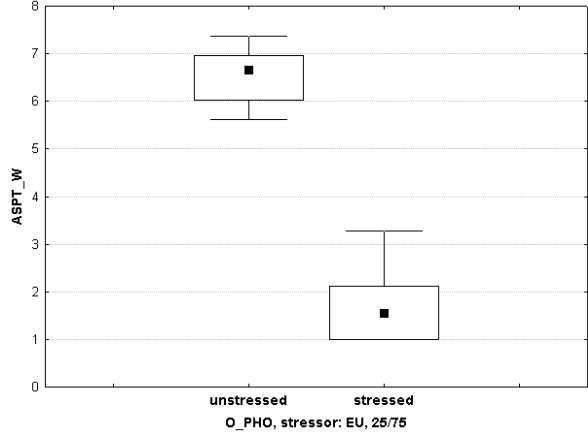
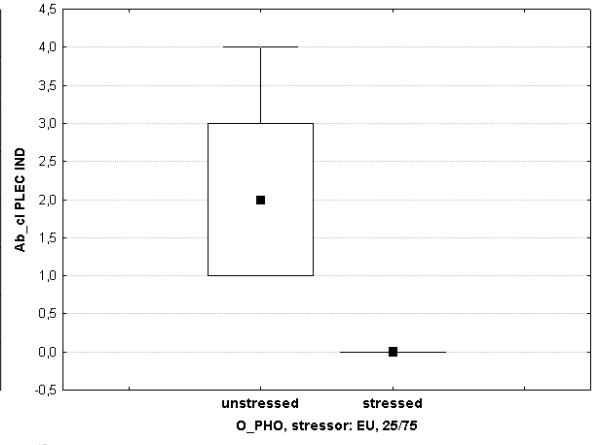
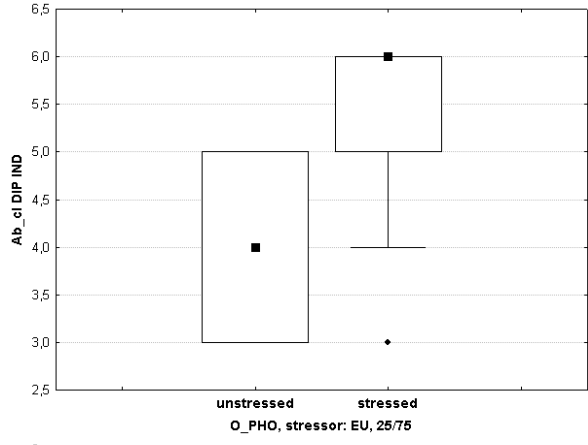
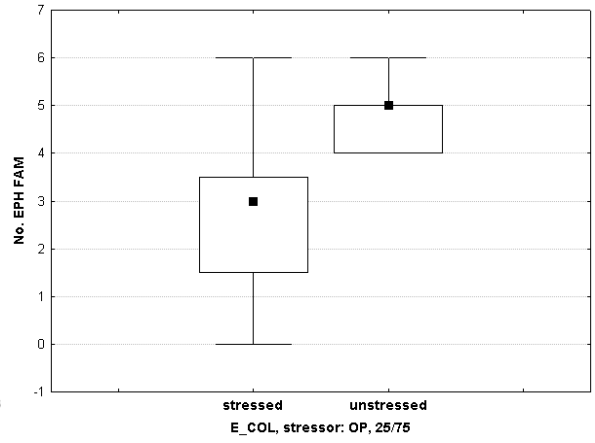
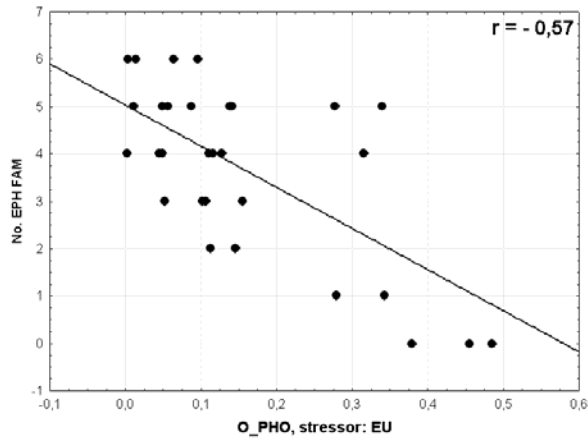
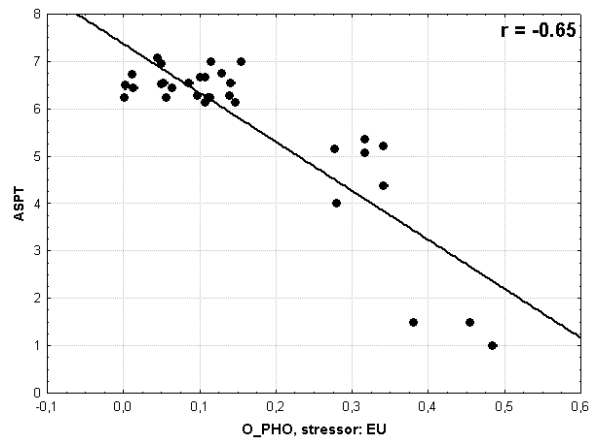
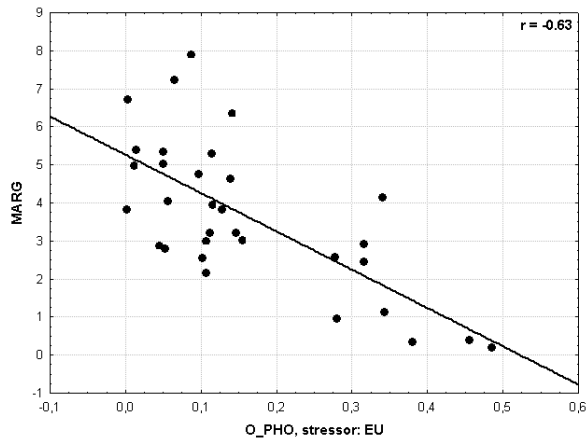


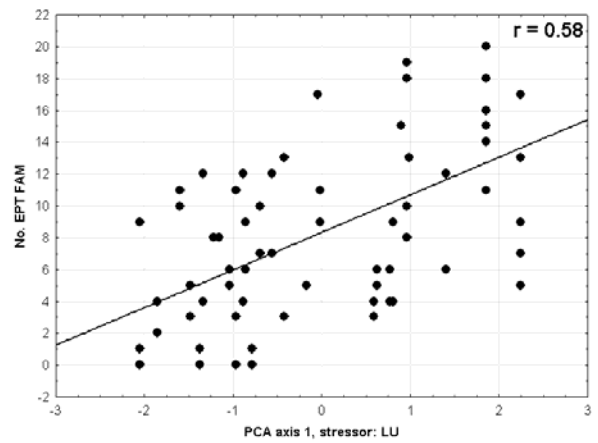
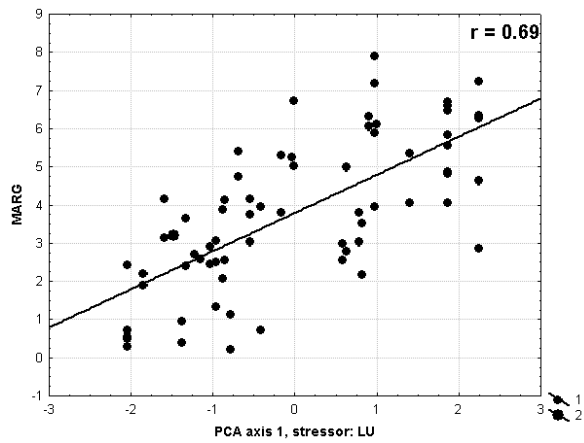
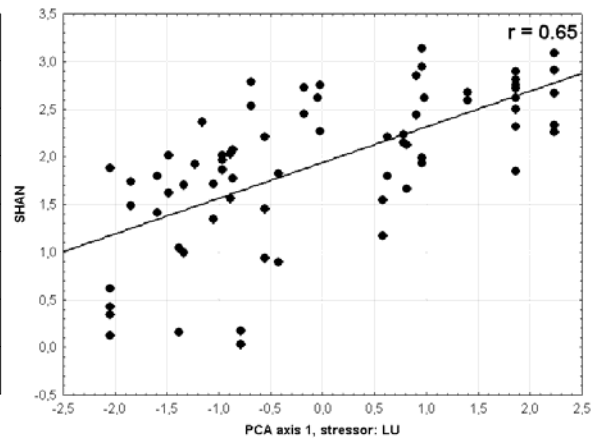
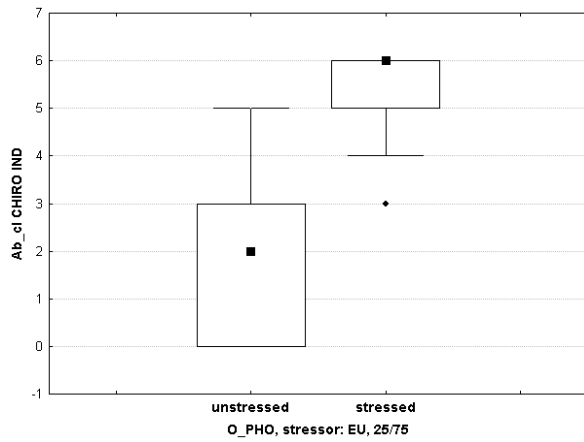
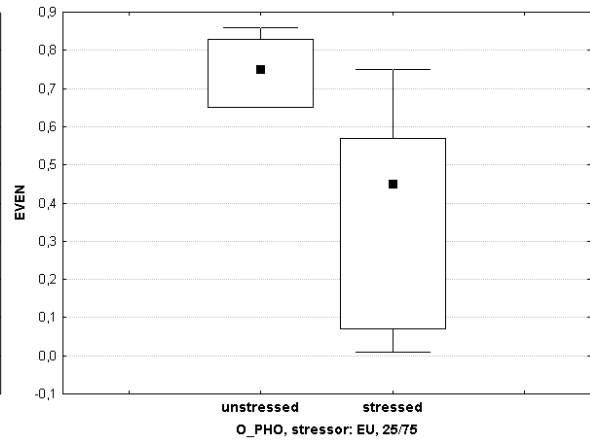
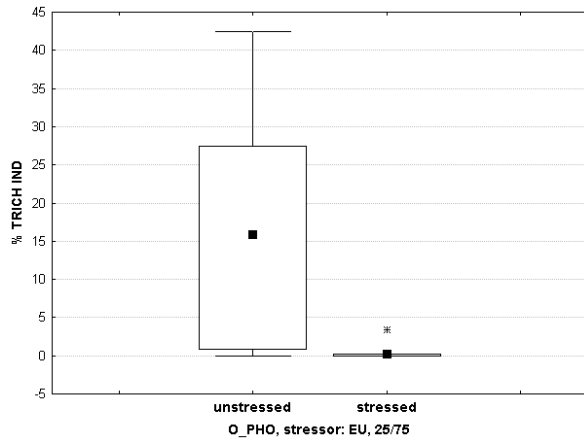
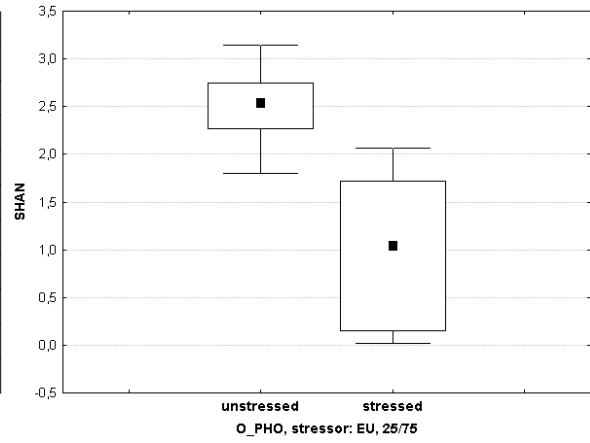
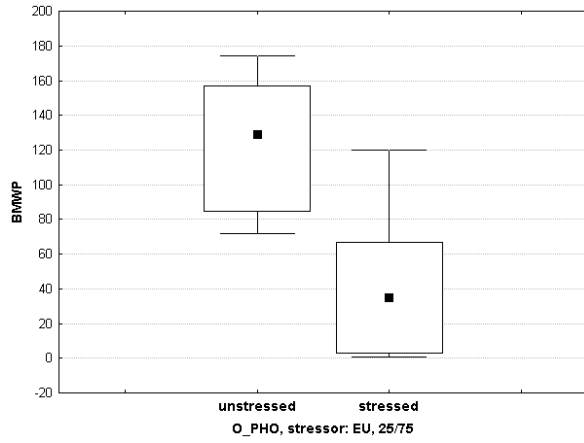


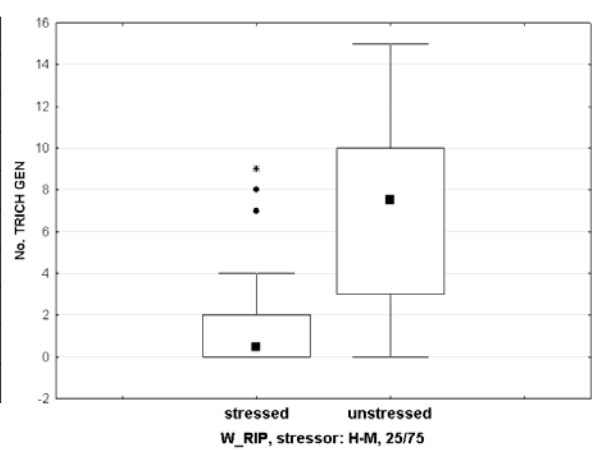
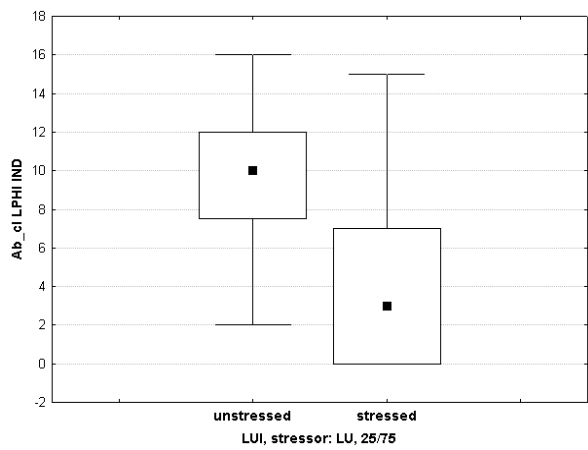
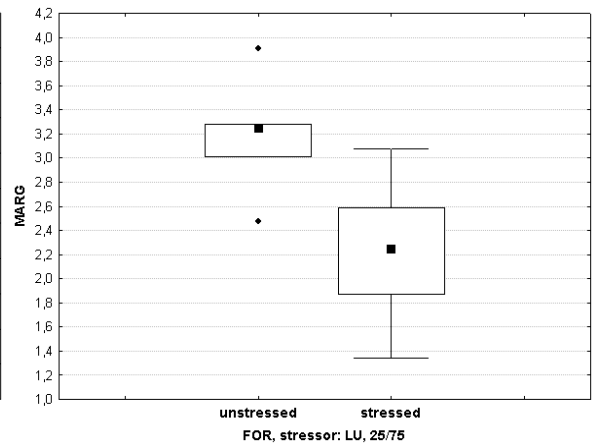
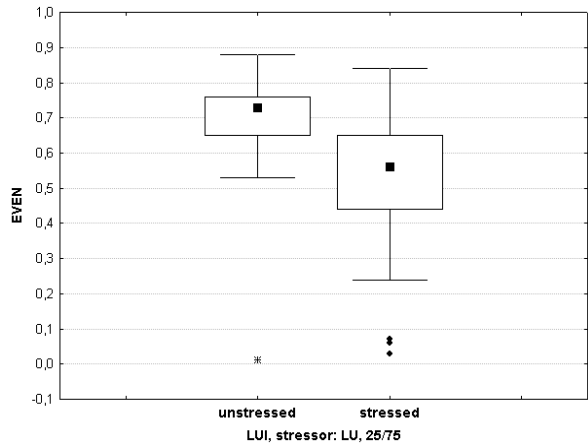
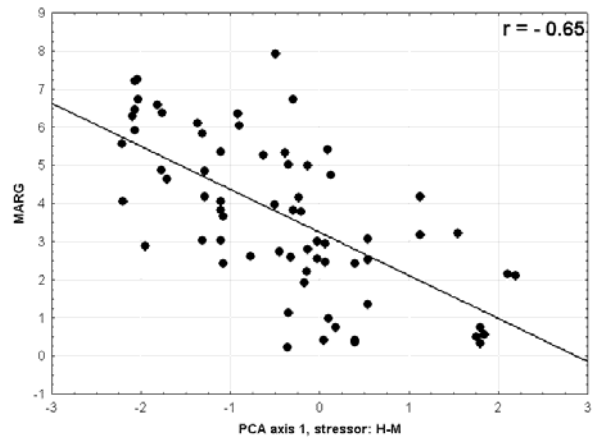
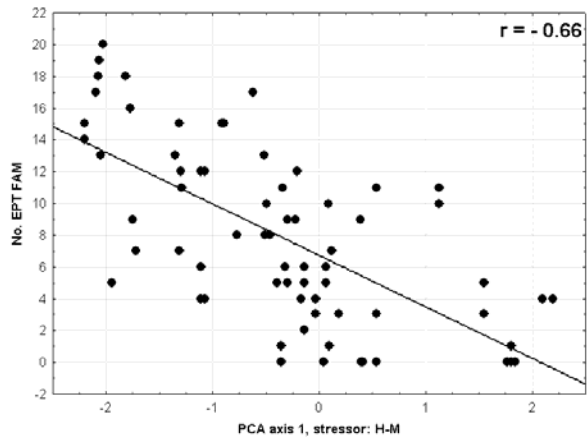
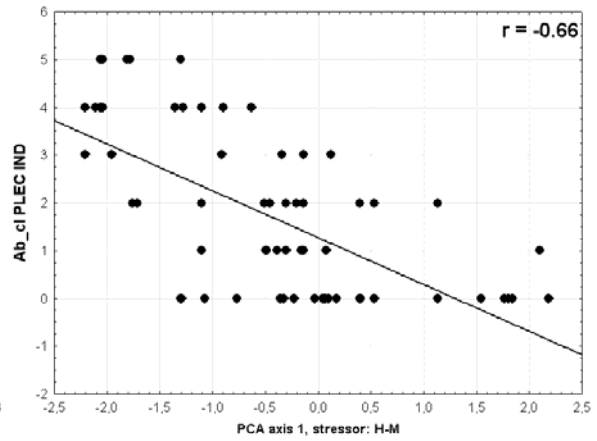
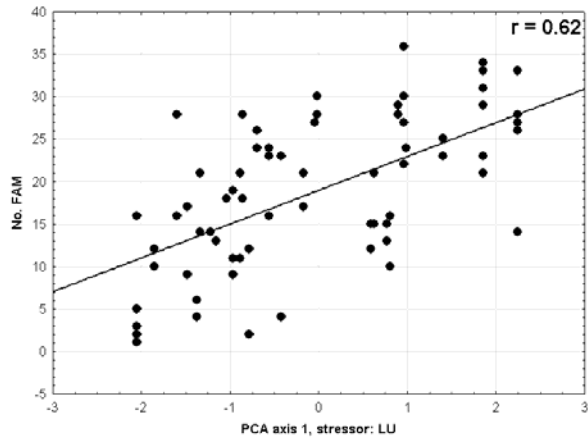


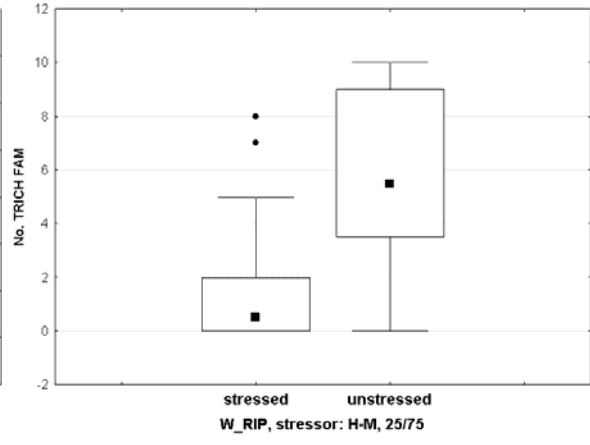
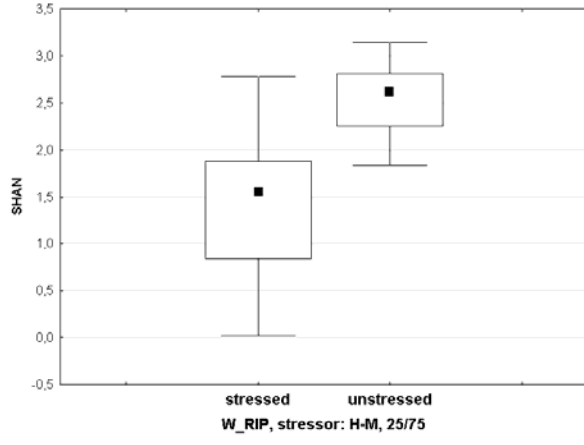
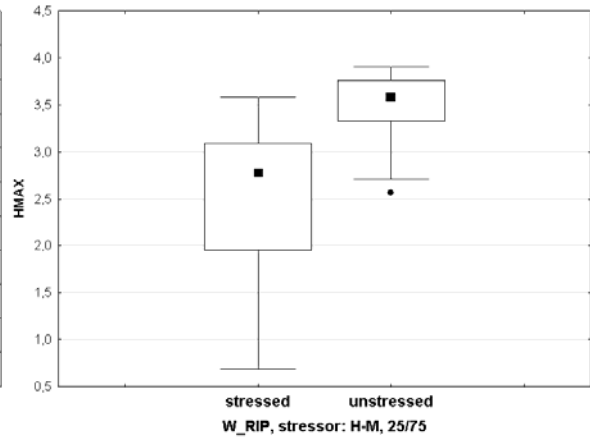
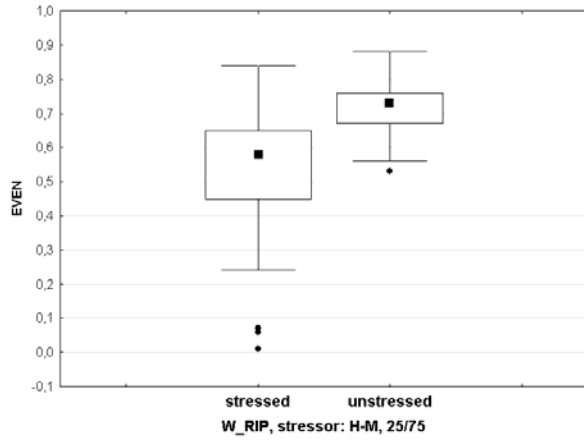
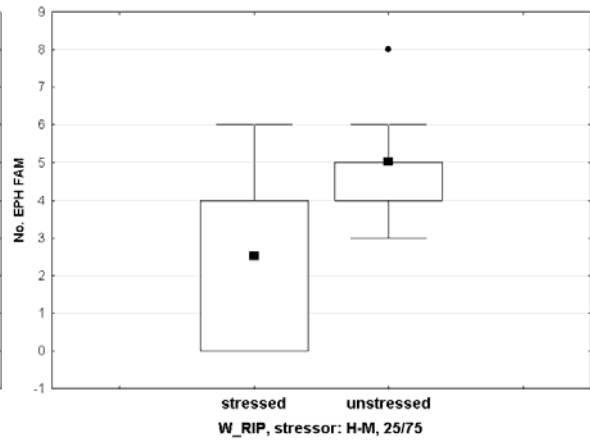
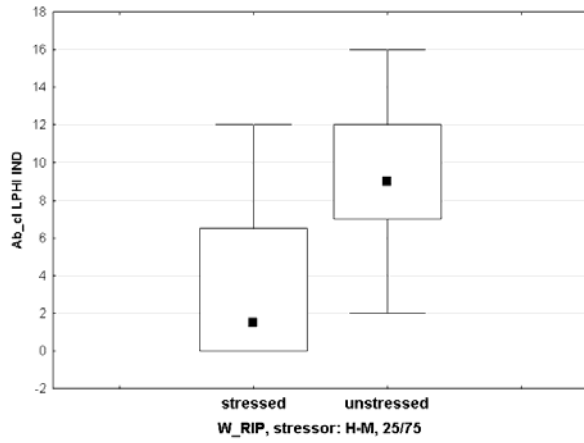
Candidate metrics Eastern Himalayan Broadleaf Forest. OP = Organic pollution, EU = Eutrophication, LU = Land-use, H-M = Hydromorphology, CON = Conductivity, E-COL = E-coli counts, LUI = Land-use Index, O_PHO = Ortho-phosphate, EPT = Ephemeroptera, Plecoptera, Trichoptera, EPH = Ephemeroptera, TRICH = Trichoptera, PLEC = Plecoptera, CHIRO = Chironomidae, OLIG = Oligochaeta, EVEN = Evenness Diversity, MARG = Margalef, SHAN = Shannon-Weaver Diversity, LPHI = Lithophil, Ab_cl = Abundance class. 25/75 and 30/70 indicate %tile range of Box & Whisker interquartile.



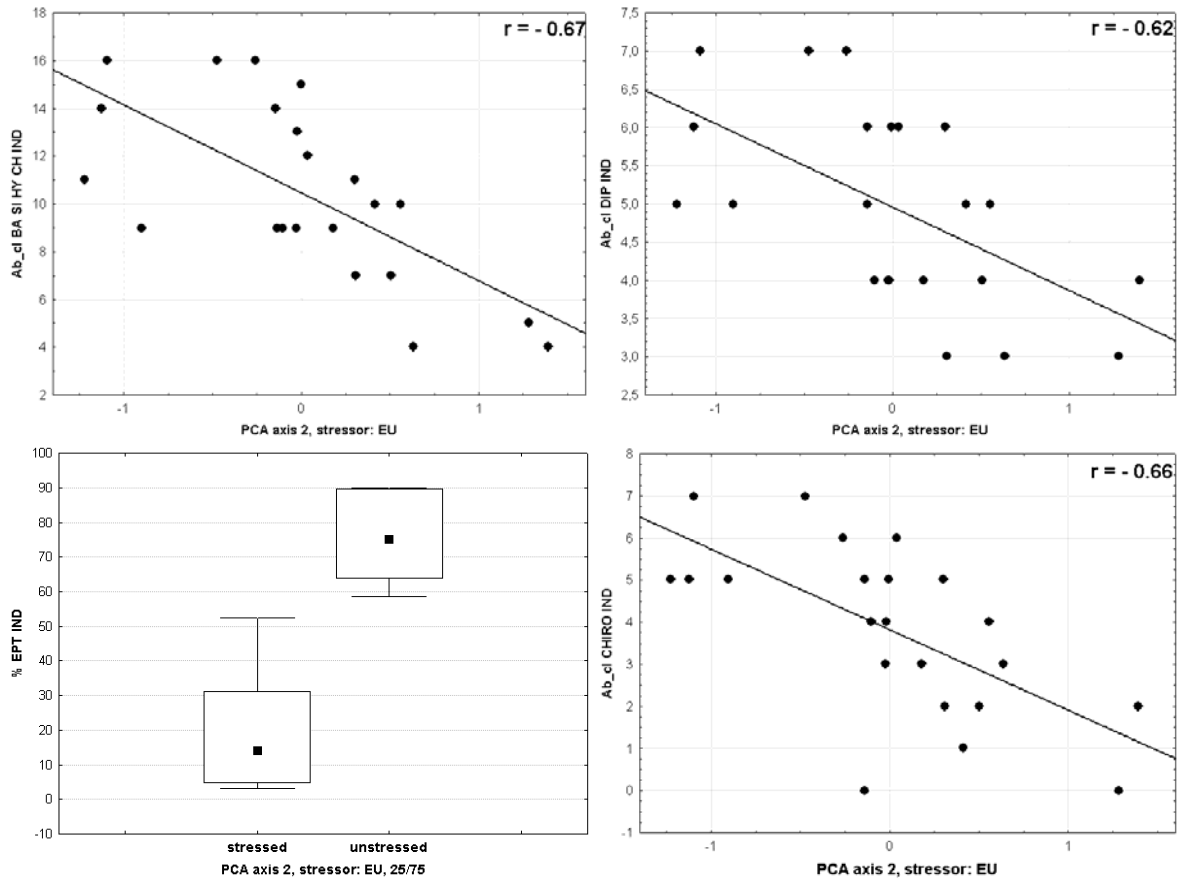


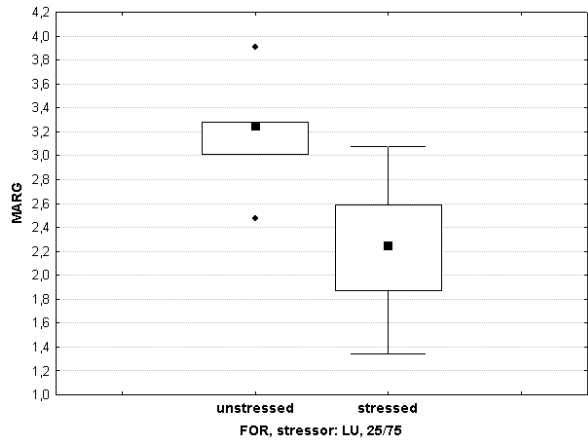
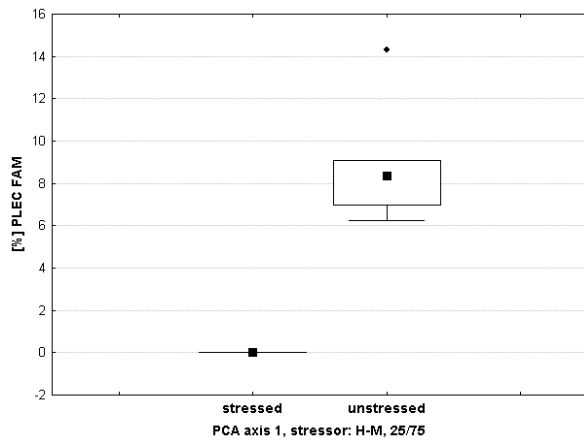
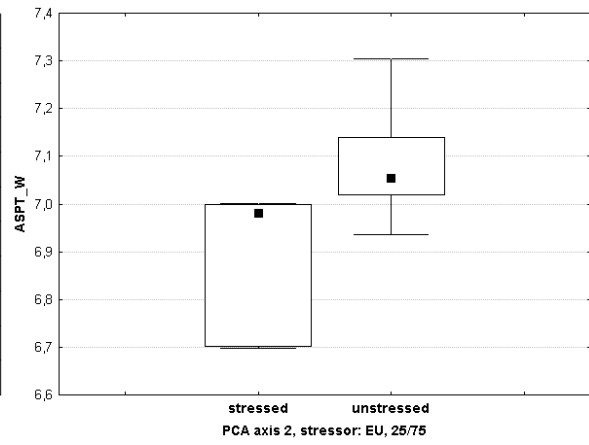
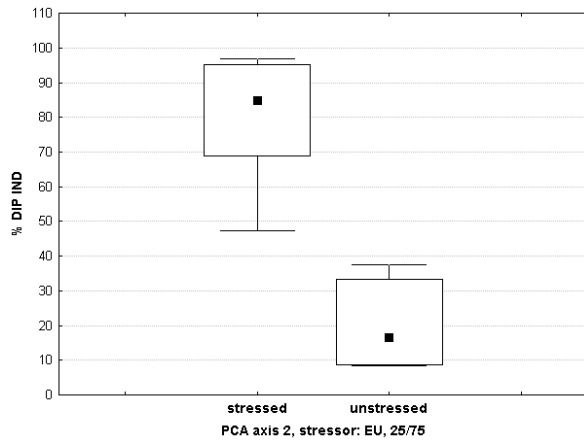




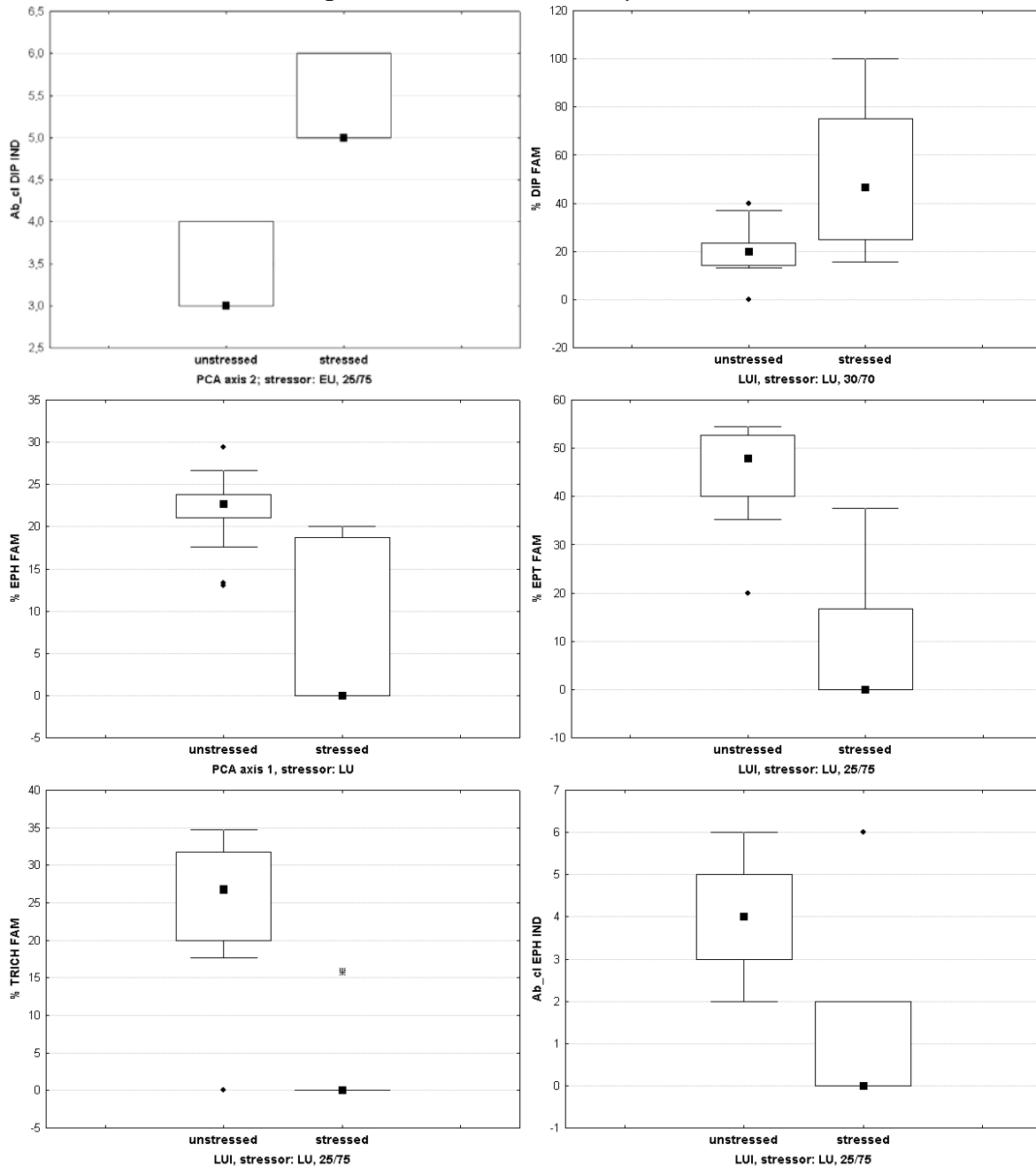


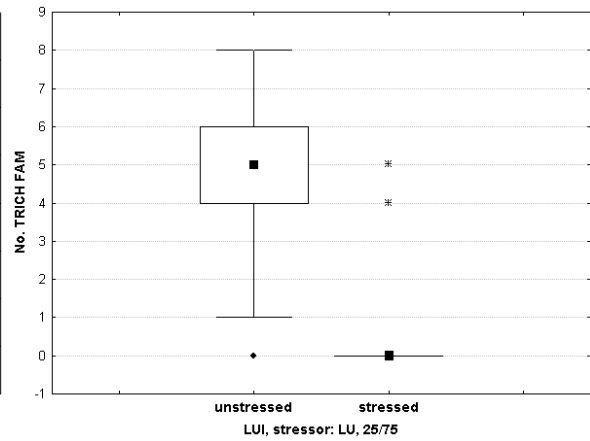
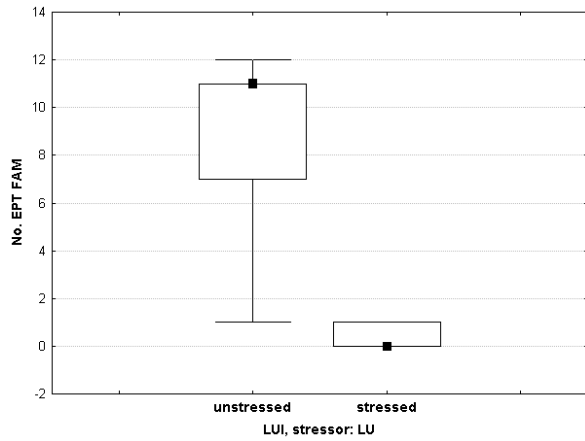
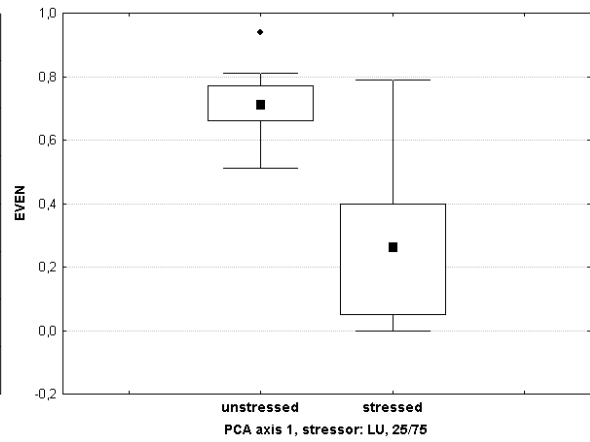
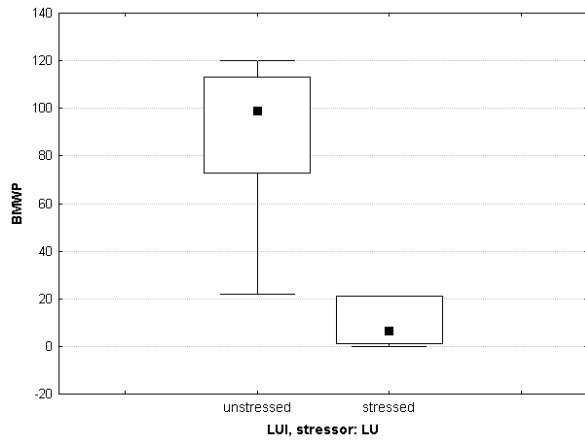
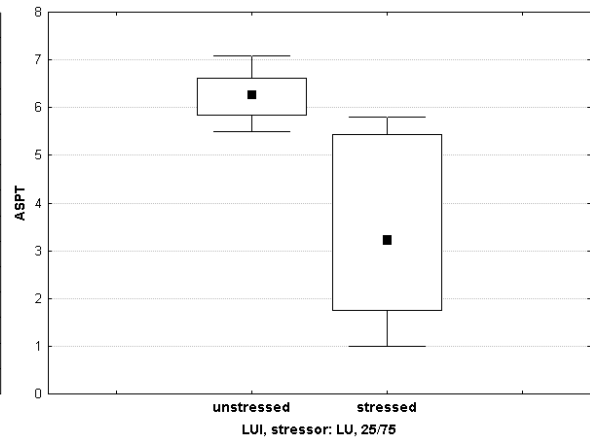
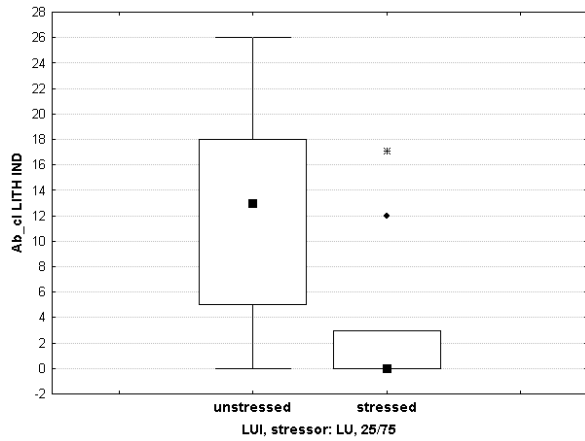
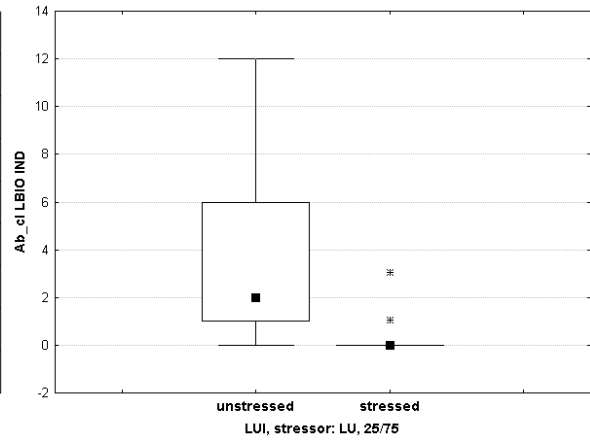
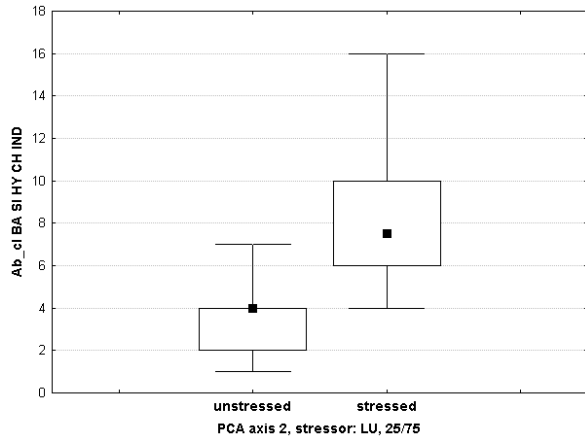
Candidate metrics of the Western Himalayan Broadleaf Forest. OP = Organic pollution, EU = Eutrophication, LU = Land-use, H-M = Hydromorphology, FOR = % Forest floodplain. EPT = Ephemeroptera, Plecoptera, Trichoptera, DIP = Diptera, BA-SI-HY-CH = Baetidae-Simuliidae-Hydropsychidae-Chironomidae, EPH = Ephemeroptera, PLEC = Plecoptera, CHIRO = Chironomidae, Ab_cl = Abundance class. 25/75 and 30/70 indicate %tile range of Box & Whisker interquartile.

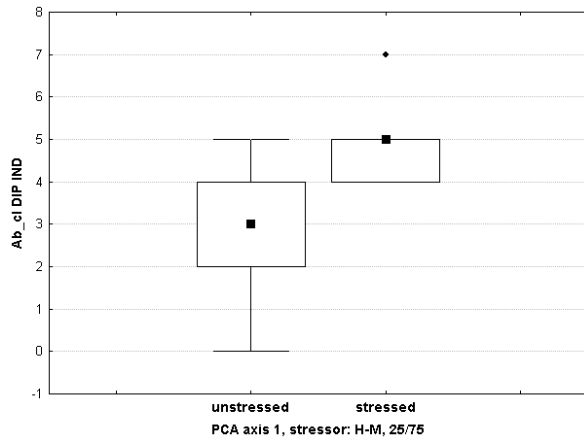
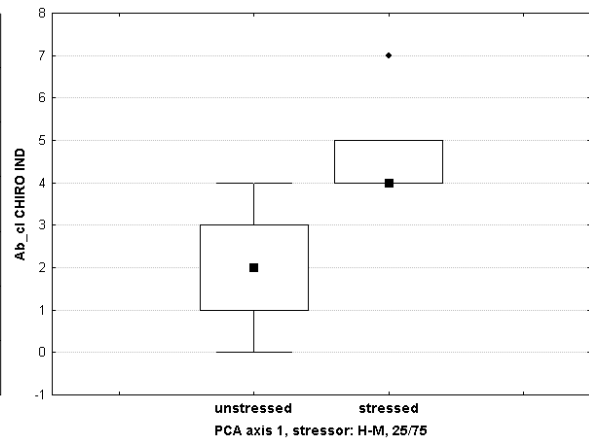




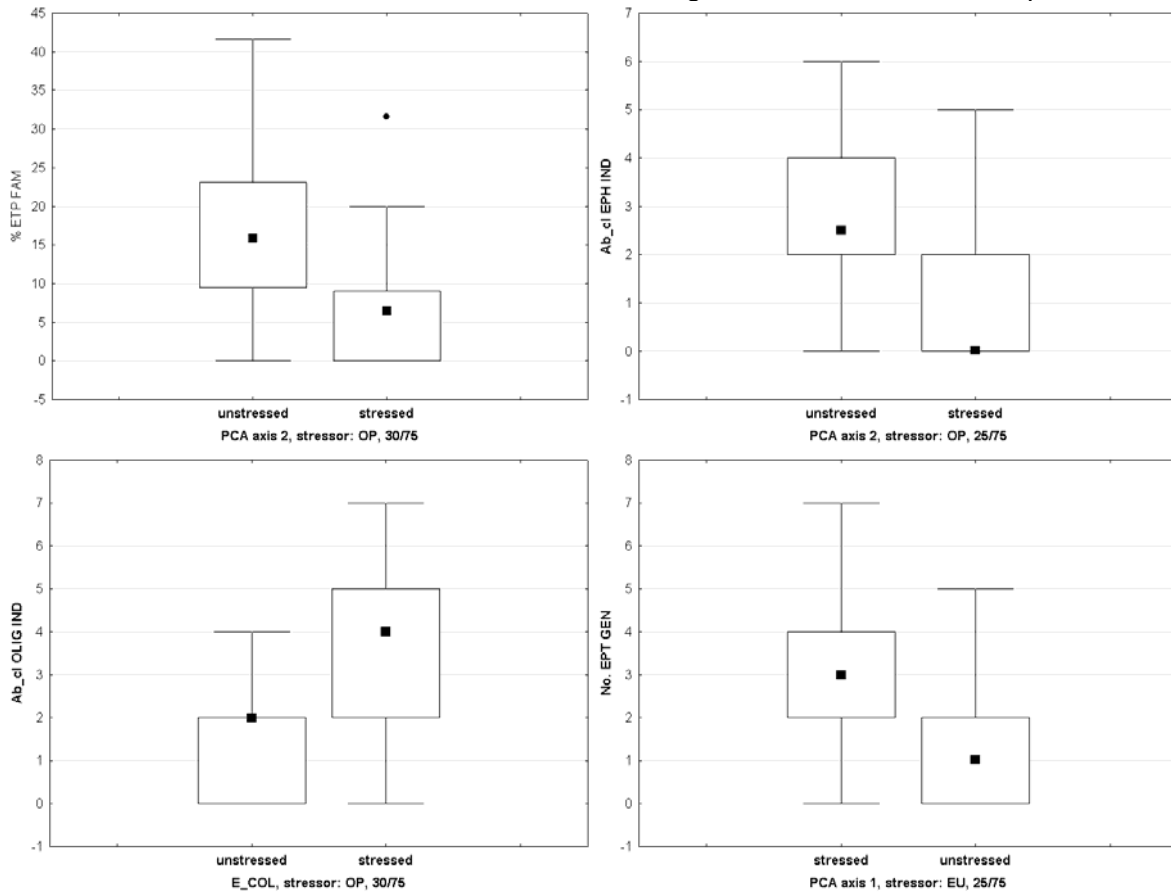
Candidate metrics Upper Gangetic Plains. OP = Organic pollution, EU = Eutrophication, LU = Land-use, H-M = Hydromorphology, LUI = Land-use Index, EPT = Ephemeroptera, Plecoptera, Trichoptera, EPH = Ephemeroptera, TRICH = Trichoptera, PLEC = Plecoptera, BA-SI-HY-CH = Baetidae-Simuliidae-Hydropsychidae-Chironomidae, EVEN = Evenness Diversity, SHAN = Shannon-Weaver Diversity, LPBIO = Lithobiont, LITH = Lithal, Ab_cl = Abundance class. 25/75 and 30/70 indicate %tile range of Box & Whisker interquartile.

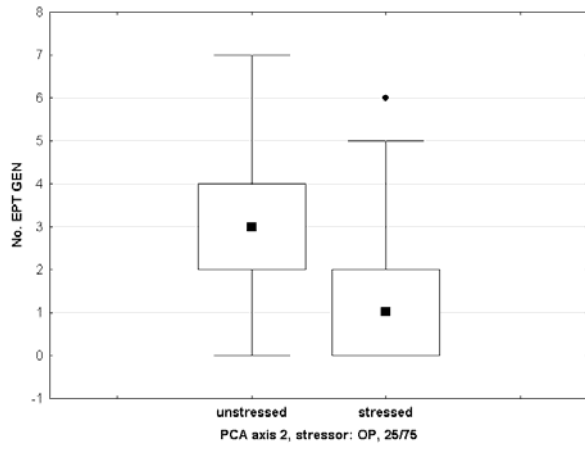
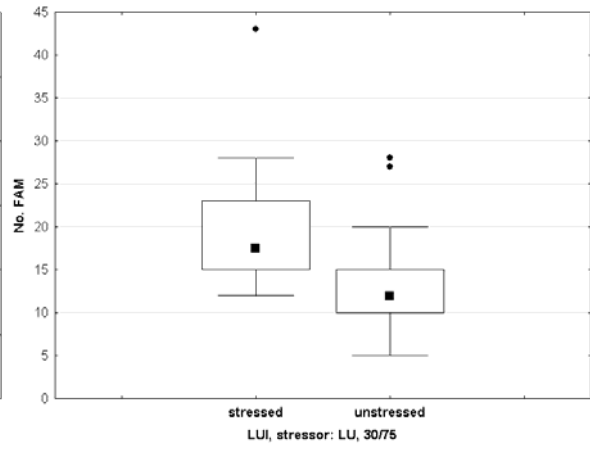
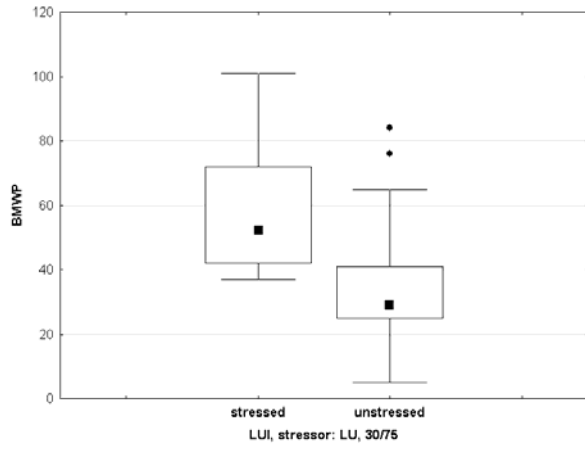






Candidate metrics Lower Gangetic Plains. OP = Organic pollution, EU = Eutrophication, LU = Land-use, H-M = Hydromorphology, LUI = Land-use Index, E-COL = E-coli counts, EPT = Ephemeroptera, Plecoptera, Trichoptera, EPH = Ephemeroptera, OLIG = Oligochaeta, Ab_cl = Abundance class. 25/75 and 30/70 indicate %tile range of Box & Whisker interquartile.





River name: Asan
Ecoregion: Upper Gangetic Plains (IM 0166)

Site name: d/s Selaqui, u/s dry river bed
 Sampling Code: I05AS013
 Date of investigation: 6/12/2005
 Country: India
 State: Uttaranchal
 District: Dehradun
 Longitude (at site): 77.83491
 Latitude (at site): 30.35451
 Altitude (m): 481
 Catchment size (km2): 450
 Pre-classification: moderate



Description

The sampling site is situated in a heavily affected landscape. Sugarcane, clear cutting and removal of mineral riverbed material characterize the landscape. The riverbed is build by a mixture of meso- and microlithal. Almost every stone is covered with a thick layer of FPOM or algae. Small stands of macrophytes occur near the shoreline. The average stream width is 30 m, the mean stream depth is 50 cm and mean flow velocity is 25 cm. The water carries foam, wastes additionally and exhibits turbidity. Only a few species have been found, e.g. few red Chironomids.

pH	conductivity [μ S/cm]	oxygen content [mg/l]	oxygen saturation [%]	temperature[$^{\circ}$ C]	nitrite	nitrate
8.3	516	9.6	143.5	22.7	+	<10

River name: **Behta**
Ecoregion: **Upper Gangetic Plains (IM 0166)**

Site name: u/s Poanta Sahib 500 m u/s bridge
Sampling Code: I05BE013
Date of investigation: 7/12/2005
Country: India
State: Himachal Pradesh
District: Shimla
Longitude (at site): 77.57997
Latitude (at site): 30.44464
Altitude (m): 369
Catchment size (km²): 200
Pre-classification: moderate



Description

The sampling site is situated within a landscape that is characterized by cropland, clear cutting, urban sites and industrial activities. 500 m above the sampling site is a chicken farm. The riverbed is build by meso- and microlithal. Filamentous algae and algae tufts are occurring frequently. The average stream width is up to 35 m, mean depth is 40 cm and mean current velocity is 25 cm/s. The water carries foam and is turbid. Mud and stones show reduction phenomena both in lentic and lotic areas. The occurring species are present in high abundances, i.e. especially Hydropsyche and Baetidae. Only 30% of the sampling site is wadeable.

pH	conductivity [μ S/cm]	oxygen content [mg/l]	oxygen saturation [%]	temperature[$^{\circ}$ C]	nitrite	nitrate
8.5	390	12.73	135.7	11.9	+	<10

River name: Dehla
Ecoregion: Upper Gangetic Plains (IM 0166)

Site name: at Laxmipur, u/s bridge
Sampling Code: I05DE013
Date of investigation: 15/11/2005
Country: India
State: Uttaranchal
District: Bijnor
Longitude (at site): 78.94355
Latitude (at site): 29.20594
Altitude (m): 214
Catchment size (km2): 250
Pre-classification: poor – bad



Description

The sampling site is situated in an intensively used landscape. Psammal is the only mineral material of the riverbed. Marginal organic shares are algae layer, submerged macrophytes (*Lemna spec.*) and emergent macrophytes (*Gramineae*). The average stream width is 20 m, the mean depth is 22 cm and mean current velocity is 28 cm. The water shows turbidity, foam, suspended solids, odour and wastes. The mud shows reduction phenomena under the surface both in lentic and lotic areas. The macroinvertebrate community exhibits only very few species and is dominated by red Chironomids.

pH	conductivity [μ S/cm]	oxygen content [mg/l]	oxygen saturation [%]	temperature[$^{\circ}$ C]	nitrite	nitrate
7.5	452	5.95	71.5	23.1	-	<10

River name: Sunngaad
Ecoregion: Subtropical Pine Forest (IM 0301)

Site name: 200m u/s bridge u/s confluence with Pindar
Sampling Code: I02SU013
Date of investigation: 23/11/2005
Country: India
State: Uttaranchal
District: Chomali
Longitude (at site): 79.52040
Latitude (at site): 30.06223
Altitude (m): 1257
Catchment size (km²): 100
Pre-classification: high



Description

In a near natural landscape the small river flows through a canyon. 800 meter downstream the sampling site the river flows into the river Pindar. The riverbed reveals mainly mesolithal (50%) followed by macrolithal (30%). The average stream width reaches up to 3.5 m, mean depth is 20 cm and mean current velocity is 50 cm/s. The stones are covered with thin layers of periphyton (diatoms). The species richness is diverse and comprises many members of stoneflies, caddisflies and mayflies.

pH	conductivity [μ S/cm]	oxygen content [mg/l]	oxygen saturation [%]	temperature[$^{\circ}$ C]	nitrite	nitrate
6	88.3	9.17	150	12.3	-	< 10

River name: Khoh
Ecoregion: Upper Gangetic Plains (IM 0166)

Site name: at Naginana u/s bridge
Sampling Code: I05KH013
Date of investigation: 1/12/2005
Country: India
State: Uttaranchal
District: Bijnor
Longitude (at site): 78.47000
Latitude (at site): 29.47949
Altitude (m): 257
Catchment size (km2): 1000
Pre-classification: bad



Description

Sugarcane cultivation is dominating the floodplain of the river. The riverbed consists of entirely sand. The average stream width is 25 m, mean depth is 15 cm and mean current velocity is 30 cm/s. Foam is detectable at the surface. In addition the water is turbid and contains suspended particles. During the sampling only very few specimens revealed, containing few Chironomids and shrimps.

pH	conductivity [μ S/cm]	oxygen content [mg/l]	oxygen saturation [%]	temperature[$^{\circ}$ C]	nitrite	nitrate
7.9	425	8.74	121.2	19.7	-	<10

River name: Khoh
Ecoregion: Upper Gangetic Plains (IM 0166)

Site name: near Sherkot 400 u/s barrage
Sampling Code: I05KH023
Date of investigation: 2/12/2005
Country: India
State: Uttaranchal
District: Bijnor
Longitude (at site): 78.56451
Latitude (at site): 29.32652
Altitude (m): 222
Catchment size (km²): 1800
Pre-classification: poor – bad



Description

At the sampling site the river Khoh flows through a landscape that is intensively used for sugarcane cultivation. Due to irrigation channels that are used for cultivation activities the sampling site also shows features of wetland. The mineral substrate type of the riverbed contains exclusively sand. The average stream width is approximately 45 m and the mean flow velocity is 15 cm/s. The water shows turbidity, foam and suspended particles. Large algae tufts are growing at the right bank. Red chironomids are dominating the macroinvertebrate community. Only 5% of the sampling site has been wadeable.

pH	conductivity [μ S/cm]	oxygen content [mg/l]	oxygen saturation [%]	temperature[$^{\circ}$ C]	nitrite	nitrate
8.1	204	8.5	106.8	20	-	<10

River name: Khoh
Ecoregion: Upper Gangetic Plains (IM 0166)

Site name: near Sherkot at barrage
Sampling Code: I05KH033
Date of investigation: 2/12/2005
Country: India
State: Uttar Pradesh
District: Bijnor
Longitude (at site): 78.56527
Latitude (at site): 29.32404
Altitude (m): 226
Catchment size (km²): 1800
Pre-classification: bad



Description

At the sampling site the water of the Khoh is blocked and lead through a second barrage to a feeder channel. The samples has been taken with an Eckman grab sampler. Average stream width is 35 m and mean depth of the entire cross section is up to 100 cm. Mean flow velocity is 5 cm/s. As the sampling was established with an Eckmann grab sampler precise estimation of substrate type was not possible. The sampling prevailed huge amounts of red Chironomids.

pH	conductivity [μ S/cm]	oxygen content [mg/l]	oxygen saturation [%]	temperature[$^{\circ}$ C]	nitrite	nitrate
8.2	166.6	6.53	95.5	20.4	-	<10

River name: Kosi
Ecoregion: Upper Gangetic Plains (IM 0166)

Site name: u/s confl with Pathri at Partikalar post
Sampling Code: I05KO013
Date of investigation: 3/12/2005
Country: India
State: Uttaranchal
District: Udham Singh
Longitude (at site): 79.03917
Latitude (at site): 29.16038
Altitude (m): 202
Catchment size (km²): 1000
Pre-classification: bad



Description

The river flows through a landscape that is heavily affected by cultivation activities. The floodplain is used for sugarcane cultivation and removal of mineral material. Upstream the sampling site is a river crossing. The riverbed is entirely built of sand. The average stream width is 30 m, the mean depth is 20 cm and mean current velocity is 40 cm/s. The water is turbid carries foam, suspended particles and wastes. No animals has been found during sampling.

pH	conductivity [μ S/cm]	oxygen content [mg/l]	oxygen saturation [%]	temperature[$^{\circ}$ C]	nitrite	nitrate
8.65	99.7	8.65	116.3	20.6	-	<10

River name: Malin
Ecoregion: Upper Gangetic Plains (IM 0166)

Site name: before Najibabad u/s bridge
Sampling Code: I05MA013
Date of investigation: 1/12/2005
Country: India
State: Uttar Pradesh
District: Bijnor
Longitude (at site): 78.33157
Latitude (at site): 29.61768
Altitude (m): 258
Catchment size (km²): 400
Pre-classification: poor



Description

The river flows through an intensively cultivated landscape. The riverbed is dominated by pelal (95%). The average stream width is 5 m, mean depth is 30 cm and mean current velocity is 20 cm/s. The water is heavily polluted (foam, colour, suspended particles, odour and wastes). The mud shows reduction phenomena under the surface both in lentic and lotic areas. Sewage fungi is occurring frequently. Only very few species have been found containing mainly Chironomids.

pH	conductivity [μ S/cm]	oxygen content [mg/l]	oxygen saturation [%]	temperature[$^{\circ}$ C]	nitrite	nitrate
8.1	590	6.48	87.3	18.2	-	<10

River name: Pathri
Ecoregion: Upper Gangetic Plains (IM 0166)

Site name: d/s drain, before confluence river Kosi at Partikalar post
Sampling Code: I05PA013
Date of investigation: 3/12/2005
Country: India
State: Uttaranchal
District: Udham Singh
Longitude (at site): 79.03917
Latitude (at site): 29.16038
Altitude (m): 205
Catchment size (km²): 500
Pre-classification: bad



Description

At the sampling site the river is heavily affected as it carries the effluence of sugarcane and paper mills. The landscape is dominated by sugarcane cultivation. Psammal (90%) dominates the riverbed. Emergent macrophytes (5%, Polygonium spec.) occur frequently at the right shoreline. The average stream width is 7 m, mean depth is 60 cm and mean current velocity is 25 cm. Only a very few specimens have been found.

pH	conductivity [μ S/cm]	oxygen content [mg/l]	oxygen saturation [%]	temperature[$^{\circ}$ C]	nitrite	nitrate
8.1	107.7	7.67	108.2	19.9	(+)	<10

River name: Ramganga
Ecoregion: Upper Gangetic Plains (IM 0166)

Site name: at Kalagarh, u/s Afzalgarh barrage
Sampling Code: I05RA013
Date of investigation: 2/12/2005
Country: India
State: Uttar Pradesh
District: Bijnor
Longitude (at site): 78.76026
Latitude (at site): 29.49645
Altitude (m): 248
Catchment size (km²): 6000
Pre-classification: bad

Picture not permitted

Description

The sampling site is situated 30 m upstream the Afzalgarh barrage. During sampling the gates have been open. Sand dominates the riverbed. Average stream width is up to 45 m, mean depth is 40 cm and mean flow velocity is 40 cm/s. The water is turbid and carries slightly foam and suspended particles. No animals have been detected during sampling. LATER INFORMATION REVEALED THAT SAMPLING SITE IS PART OF A WILDLIFE SANCTUARY CONTAINING ALSO ALLIGATOR. THEREFORE SITE SHOULD NOT BE INVESTIGATED AGAIN!!!!

pH	conductivity [μ S/cm]	oxygen content [mg/l]	oxygen saturation [%]	temperature[$^{\circ}$ C]	nitrite	nitrate
6.5	170.2	7.32	102.5	22.6	-	<10

River name: Ramganga
Ecoregion: Upper Gangetic Plains (IM 0166)

Site name: at Kalagarh, d/s Afzalgarh barrage
Sampling Code: I05RA023
Date of investigation: 2/12/2005
Country: India
State: Uttar Pradesh
District: Bijnor
Longitude (at site): 78.75949
Latitude (at site): 29.49496
Altitude (m): 241
Catchment size (km2): 6000
Pre-classification: bad

Picture not permitted

Description

The sampling site is situated 200 downstream Afzalgarh barrage. During sampling the gates of the barrage have been open. The riverbed shows mainly mesolithal (50%) and microlithal (35%). The average stream width is 40 m, mean depth was estimated 15 cm and mean flow velocity is 40 cm/s. No animals have been found in the sample at first site. LATER INFORMATION REVEALED THAT SAMPLING SITE IS PART OF A WILDLIFE SANCTUARY CONTAINING ALSO ALLIGATOR. THEREFORE SITE SHOULD NOT BE INVESTIGATED AGAIN!!!!

pH	conductivity [μ S/cm]	oxygen content [mg/l]	oxygen saturation [%]	temperature[$^{\circ}$ C]	nitrite	nitrate
7.9	169	7.8	115.4	21.8	-	<10

River name: Song
Ecoregion: Upper Gangetic Plains (IM 0166)

Site name: at Raiwala u/s bridge
Sampling Code: I05SO013
Date of investigation: 5/12/2005
Country: India
State: Uttaranchal
District: Tehri
Longitude (at site): 78.21672
Latitude (at site): 30.05451
Altitude (m): 355
Catchment size (km²): 1000
Pre-classification: moderate - poor



Description

The sampling site is situated 300 m upstream the bridge. The river course is braided. In the floodplain locals are lodging for cattle feeding and firewood. Predominately lentic parts and only small amounts of lotic areas have been sampled. The riverbed of the sampling area consists mainly of psammal (55%). The lotic area has shares of meso (15%) - and macrolithal (5%). The sampling site exhibits large algae tufts. The average stream width is 20 m, the mean depth is 25 cm and the mean current velocity is 40 cm. The water is turbid and shows foam and wastes. Baetidae are the dominating macroinvertebrates. Only 40% of the site is wadeable.

pH	conductivity [μ S/cm]	oxygen content [mg/l]	oxygen saturation [%]	temperature[$^{\circ}$ C]	nitrite	nitrate
8.3	112	8.71	140.3	19.6	-	-

River name: Song
Ecoregion: Upper Gangetic Plains (IM 0166)

Site name: d/s Doiwala u/s bridge
Sampling Code: I05SO023
Date of investigation: 6/12/2005
Country: India
State: Uttaranchal
District: Dehradun
Longitude (at site): 78.13073
Latitude (at site): 30.18127
Altitude (m): 476
Catchment size (km²): 550
Pre-classification: good



Description

The sampling site is situated 300 m upstream the bridge. The river course is braided. During sampling people were coming for bathing and washing purposes. Mesolithal (85%) dominates the riverbed material. Nearly every stone is covered with an FPOM layer. The average stream width is 30 m, mean depth is 50 cm and mean current velocity is 25 cm/s. The water is turbid, contains suspended solids and wastes. Reduction phenomena are visible in small amounts on lower surfaces of stones both in lentic and lotic areas. The macroinvertebrate community comprises families of mayflies, Hydropsyche and Simuliidae.

pH	conductivity [μ S/cm]	oxygen content [mg/l]	oxygen saturation [%]	temperature[$^{\circ}$ C]	nitrite	nitrate
8,4	610	8,02	112,2	18,3	(+)	<10

River name: Sukma
Ecoregion: Upper Gangetic Plains (IM 0166)

Site name: at Raiwala before confluence Ganga
Sampling Code: I05SU013
Date of investigation: 4/12/2005
Country: India
State: Uttaranchal
District: Tehri
Longitude (at site): 7821210
Latitude (at site): 3004636
Altitude (m): 318
Catchment size (km²): 500
Pre-classification: good



Description

The sampling site is situated in deciduous native forest. The riverbed of the investigated sampling site is dominated by psammal (80%). The hydromorphology of the sites exhibits near-natural conditions. Biotic habitats occur in fewer amounts, i.e. micro-algae, macro-algae, roots of terrestrial plants, xylal, CPOM and FPOM (all with a x). The average stream width is 15 m, mean depth is 35 cm and mean current velocity is 40 cm. The water carries foam and is slightly turbid. The macroinvertebrate community comprises Perlidae, Heptageniidae, Baetidae, Simuliidae, Rhyacophila, Hydropsyche, snails, shrimps and crabs.

pH	conductivity [μ S/cm]	oxygen content [mg/l]	oxygen saturation [%]	temperature[$^{\circ}$ C]	nitrite	nitrate
8.5	100.7	8.28	123.2	21.4	+	<10

River name: Teen Pani
Ecoregion: Upper Gangetic Plains (IM 0166)

Site name: u/s tourist place at Chiddarwala
Sampling Code: I05TE013
Date of investigation: 5/12/2005
Country: India
State: Uttaranchal
District: Tehri
Longitude (at site): 78.20637
Latitude (at site): 30.07218
Altitude (m): 345
Catchment size (km2): 500
Pre-classification: high



Description

A small path lead from a tourist bathing place through the forest to the sampling site. The landscape is dominated by deciduous native forest. The riverbed is built by microlithal (50%), followed by mesolithal (30%). Psammal and Xylal obtain shares each of 5%. Small amounts of CPOM and FPOM are also present. The water carries foam and suspended solids. The macroinvertebrate community is divers and comprises specimen of mayflies, Perlidae, Rhyacophila, Simuliidae, Coleoptera, shrimps and craps.

pH	conductivity [μ S/cm]	oxygen content [mg/l]	oxygen saturation [%]	temperature[$^{\circ}$ C]	nitrite	nitrate
7,9	262	7,03	104,9	23,2	(+)	<10

River name: Tumariya
Ecoregion: Upper Gangetic Plains (IM 0166)

Site name: before Kashipur
Sampling Code: I05TU013
Date of investigation: 3/12/2005
Country: India
State: Uttaranchal
District: Udham Singh
Longitude (at site): 78.89497
Latitude (at site): 29.23954
Altitude (m): 207
Catchment size (km²): 500
Pre-classification: moderate – poor



Description

The sampling site is situated within a landscape that is used for crop cultivation. The floodplain is used for lodging wood. The river flows in a near natural way through the plain floodplain. The mineral riverbed substrata mainly consist of psammal (90%), followed by pelal (5%). Emergent macrophytes (5%, *Polygonium spec.*) are occurring frequently. The average stream width is up to 3.5 m, the mean stream depth is 20 cm and mean current velocity is 25 cm. The macroinvertebrate community comprises, e.g. Baetidae, Heteroptera and Dytiscidae.

pH	conductivity [μ S/cm]	oxygen content [mg/l]	oxygen saturation [%]	temperature[$^{\circ}$ C]	nitrite	nitrate
7.9	84	8.52	102		-	<10

River name: Yamuna
Ecoregion: Upper Gangetic Plains (IM 0166)

Site name: u/s Kalsi, u/s confluence river Tons
Sampling Code: I05YA013
Date of investigation: 7/12/2005
Country: India
State: Uttaranchal
District: Dehradun
Longitude (at site): 77.85218
Latitude (at site): 30.51121
Altitude (m): 480
Catchment size (km²): 5000
Pre-classification: good



Description

The sampling site is situated at a side arm of the river, flowing braided through the landscape. The riverbed material consists mainly of mesolithal (55%) followed by microlithal (30%). Xylal is occurring in small amounts. The average stream width is 15 m, the mean depth is 45 cm and the mean current velocity is 35 cm. The water shows foam. Algae tufts are present with small shares. Species richness is high. The macroinvertebrate community comprises individuals of Heptageniidae, Ephemerellidae, Baetidae, Caenidae, Leptophlebiidae, Glossosomatidae and Potamophylidae. Only 30% of the sampling site is wadeable.

pH	conductivity [μ S/cm]	oxygen content [mg/l]	oxygen saturation [%]	temperature[$^{\circ}$ C]	nitrite	nitrate
8.3	265	11.8	106.3	12.5	-	<10

River name: Almora Drain

Site name: down Almora city u/s confluence river Kosi
Sampling Code: I02AD013
Date of investigation: 19/11/2005
Country: India
State: Uttaranchal
District: Almora
Longitude: 79.61649
Latitude: 29.60574
Ecoregion: Subtropical Pine Forest (IM 0301)
Altitude (m): 1101
Catchment size (km²): 80
Pre-classification: bad

**Description**

This rivulet carries the effluence of Almora city. Resident houses, clear cutting and terraces mainly characterize the adjacent land use. The river flows into the Kosi river 100 m d/s the sampling site. Mineral riverbed substrate type mainly consists of meso- and microlithal. The average stream width reaches up to 4 m, mean depth is 10 cm and mean current velocity is 35 cm/s. The water of the river is turbid due to huge amount of suspended solids. Additionally the water smells and foam is detectable at the surface. Upper and lower surface of mineral substrate show ferro-sulphide reduction phenomena both in lentic and lotic areas. Thick layers of algae occur frequently. The macroinvertebrate community is dominated by red Chironomids. For access of sampling site see I02KO013.

pH	conductivity [μ S/cm]	oxygen content [mg/l]	oxygen saturation [%]	temperature[$^{\circ}$ C]	nitrite	nitrate
7	350	12	130	14.5	-/+	< 10

River name: **Bhaurigaad**
Ecoregion: **Subtropical Pine Forest (IM 0301)**

Site name: u/s of confluence with Nandakini
Sampling Code: I02BH013
Date of investigation: 24/11/2005
Country: India
State: Uttaranchal
District: Chomali
Longitude (at site): 79.38852
Latitude (at site): 30.28128
Altitude (m): 1100
Catchment size (km²): 100
Pre-classification: high



Description

The observed river is a tributary of the river Nandarkini. Bhaurigaad flows through a near natural V-shaped valley that prevails native forest. Megalithal (65%) dominates the riverbed. The average stream width is 3.5 m, the mean depth is 25 cm and mean current velocity is 50 cm/s. The sampling site comprises a divers community of macroinvertebrates and contains e.g. members of Perlidae, Decapoda, Uenoidae and Glossosomatidae.

pH	conductivity [μ S/cm]	oxygen content [mg/l]	oxygen saturation [%]	temperature[$^{\circ}$ C]	nitrite	nitrate
6	37	7.68	99.8	12.7	-	< 10

River name: Gandoliagaad
Ecoregion: Subtropical Pine Forest (IM 0301)

Site name: 250m u/s Gandolia bridge
Sampling Code: I02GA013
Date of investigation: 26/11/2005
Country: India
State: Uttaranchal
District: Theri
Longitude (at site): 78.57824
Latitude (at site): 30.36480
Altitude (m): 881
Catchment size (km²): 100
Pre-classification: high-good



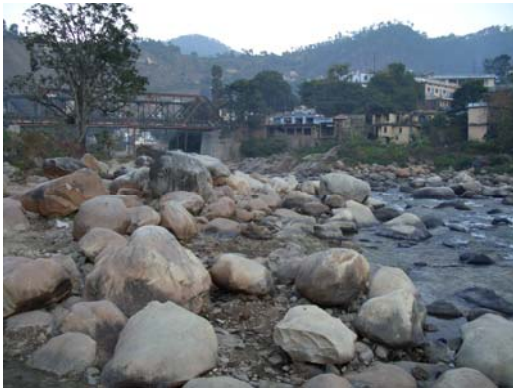
Description

The sampling site is situated 200 m upstream a bridge. Terraces characterize the surrounding landscape downstream the sampling site. Megalithal (35%), macrolithal (25%) and mesolithal (25%) dominate the riverbed material. The average stream width is 4 m, mean depth is 30 cm and mean current velocity is 50 cm/s. Upper and lower surface of stones exhibit ferro-sulphide reduction phenomena in lentic areas. Stones are covered with thin layers of periphyton smaller amounts show thick algae layers. Species richness is high and the community contains Perlidae, Decapoda, Rhyacophila, Lepidostomatidae and Heptageniidae.

pH	conductivity [μ S/cm]	oxygen content [mg/l]	oxygen saturation [%]	temperature[$^{\circ}$ C]	nitrite	nitrate
7	166	6.79	105	14.8	-	< 10

River name: Gomti
Ecoregion: Subtropical Pine Forest (IM 0301)

Site name: at Bageshwar u/s Gomti bridge
Sampling Code: I02GO013
Date of investigation: 21/11/2005
Country: India
State: Uttaranchal
District: Bageshwar
Longitude (at site): 79.76997
Latitude (at site): 29.83667
Altitude (m): 850
Catchment size (km2): 800
Pre-classification: moderate



Description

The observed sampling site is situated in the center of Bageshwar city. Huge boulders dominate the riverbed. The average stream width is 35 m, mean depth is 25 cm and mean current velocity is 30 cm/s. The floodplain is used for open defecation. Wastes are deposited in the riverbed and the adjacent banks. The water is turbid due to suspended solids. Foam is also detectable. Upper and lower surface of stones prevail black dots in small proportions both in lentic and lotic areas. Thick layers of algae are detected frequently. Species richness and abundance of animals are medium. The macroinvertebrate community comprises members of Heptageniidae, Ephemerillidae, Baetidae and fewer amounts of red Chironomids.

pH	conductivity [μ S/cm]	oxygen content [mg/l]	oxygen saturation [%]	temperature[$^{\circ}$ C]	nitrite	nitrate
6.5	106.9	7.34	89.7	16.7	-	< 10

River name: Kalsa
Ecoregion: Subtropical Pine Forest (IM 0301)

Site name: u/s Champhi, u/s bridge
Sampling Code: I02KA013
Date of investigation: 16/11/2005
Country: India
State: Uttaranchal
District: Nainital
Longitude (at site): 79.57794
Latitude (at site): 29.37376
Altitude (m): 1253
Catchment size (km²): 200
Pre-classification: moderate



Description

The sampling site is situated at the small village Chanphi. Small areas of cropland characterize the environment. The water carries foam and suspended solids. The riverbed and the banks exhibit waste and open defecation. Furthermore the water of the river is used for washing and bathing purposes. Megalithal obtains the highest amount of mineral riverbed material (60%), followed by macro-, meso- and microlithal. The average stream width is 12 m, mean depth is 60 cm and mean current velocity is 30 cm/s. Reduction phenomena are frequently occurring on the upper and lower surface of stones. The macroinvertebrate community consists of Ephemerillidae, Heptageniidae, Baetidae and fewer specimens of Rhyacophila and red Chironomids.

pH	conductivity [μ S/cm]	oxygen content [mg/l]	oxygen saturation [%]	temperature[$^{\circ}$ C]	nitrite	nitrate
6	84	8.82	91	15.1	-	< 10

River name: Kosi
Ecoregion: Subtropical Pine Forest (IM 0301)

Site name: 300m u/s Almora drain at weir
Sampling Code: I02KO013
Date of investigation: 19/11/2005
Country: India
State: Uttaranchal
District: Almora
Longitude (at site): 79.61552
Latitude (at site): 29.60594
Altitude (m): 1114
Catchment size (km²): 500
Pre-classification: bad



Description

The sampling site is situated 300m upstream the inflow of Almora Drain (I02AD013) in front of a weir. The latter site could be reached over a decent of approximately 1 km length from a small road (enter to small road: longitude: 79.62534, latitude 29.63170; enter to foot path: longitude: 79.60753, latitude: 29.60753; all in decimal degree). Due to water depth only the lentic part of the sampling site could be observed. The mineral material of the observed riverbed comprises mainly psammal and small amounts of akal and mesolithal. The average stream width reaches up to 12 m, mean depth is 150 cm and mean current velocity is 27 cm/s. The water carries foam and the riverbed and the banks exhibit wastes. Reduction phenomena on lower surfaces of stones are common. Lotic areas also reveal black dots at the upper surface. Only very few species could be found. Leeches and red Chironomids occur frequently.

pH	conductivity [μ S/cm]	oxygen content [mg/l]	oxygen saturation [%]	temperature[$^{\circ}$ C]	nitrite	nitrate
6	124	9.33	100	12.7	+	< 10

River name: Kosi
Ecoregion: Subtropical Pine Forest (IM 0301)

Site name: 300m d/s Almora drain
Sampling Code: I02KO023
Date of investigation: 19/11/2005
Country: India
State: Uttaranchal
District: Almora
Longitude (at site): 79.61453
Latitude (at site): 29.60334
Altitude (m): 1100
Catchment size (km²): 800
Pre-classification: moderate



Description

The sampling site is situated 300 m downstream the inflow of Almora drain (I02AD031). The environment is characterized by pasture and clear-cutting. The site comprises a deep pool and run section. Only 50% of the sampling site was wadeable. The riverbed exhibits approximately an even share of mega-, macro-, meso- and microlithal. The average stream width reaches up to 28 m, mean depth is 30 cm and mean current velocity is 50 cm/s. The water carries suspended solids. Lentic and lotic areas of the upper surface of mineral substrata carry few amounts of black dots. Stones are covered with thin layers of algae vegetation. The species richness and the abundance of individuals is medium. Mayflies comprise members of the families Heptageniidae and Baetidae. Fewer amounts of Chironomids and Hydropsyche have been also found. For access of sampling site see I02KO013.

pH	conductivity [μ S/cm]	oxygen content [mg/l]	oxygen saturation [%]	temperature[$^{\circ}$ C]	nitrite	nitrate
6	133	12.39	128.4	15.3	+	< 10

River name: Kosi
Ecoregion: Subtropical Pine Forest (IM 0301)

Site name: at Dadhymkhola u/s weir
Sampling Code: I02KO033
Date of investigation: 20/11/2005
Country: India
State: Uttaranchal
District: Almora
Longitude (at site): 79.63234
Latitude (at site): 29.69980
Altitude (m): 1215
Catchment size (km²): 200
Pre-classification: bad



Description

The investigated sampling site is situated in front of the weir. A small irrigation channel leads the water from the weir for irrigation purposes to the terraces. The impounded water is also used for washing and bathing purposes. Microlithal (40%) and sand (40%) are the dominating mineral substrate types. The average stream width reaches up to 25 m, mean depth is 100 cm and mean current velocity is 5 cm/s. The water shows foam, carries suspended solids and the riverbed and its banks are polluted with wastes. In addition huge amount of algae tufts can be found at the right bank area. Due to water depth only 50% of the sampling side was wadeable. Only very few individuals of macroinvertebrates could be detected.

pH	conductivity [μ S/cm]	oxygen content [mg/l]	oxygen saturation [%]	temperature[$^{\circ}$ C]	nitrite	nitrate
6.5	119	10.5	105.1	12.4	-	< 10

River name: Kosi
Ecoregion: Subtropical Pine Forest (IM 0301)

Site name: at Dadhymkhola 300m u/s weir
Sampling Code: I02KO043
Date of investigation: 20/11/2005
Country: India
State: Uttaranchal
District: Almora
Longitude (at site): 79.63198
Latitude (at site): 29.70087
Altitude (m): 1225
Catchment size (km²): 200
Pre-classification: good



Description

The sampling site is situated 300 m upstream a weir (I02KO033). The riverbed exhibits mainly mesolithal (60%) followed by mega- and macrolithal. The average stream width reaches up to 13 m, mean depth is 40 cm and mean current velocity is 30 cm/s. Foam could be detected at the water surface. The upper and lower surfaces of stones are sparsely covered with black dots both in lentic and lotic areas. Stones are frequently covered with thin layers of algae vegetation. The species richness is high. The macroinvertebrate community comprises individuals of Heptageniidae, Ephemerillidae, Baetidae, Rhyacophila, Lepidostomatidae, Simuliidae and Hydropsyche.

pH	conductivity [μ S/cm]	oxygen content [mg/l]	oxygen saturation [%]	temperature[$^{\circ}$ C]	nitrite	nitrate
7	119.1	9.1	105	13.9	-	< 10

River name: Nailchamigaad
Ecoregion: Subtropical Pine Forest (IM 0301)

Site name: u/s of confluence with Bhilangha at Ghansyali
Sampling Code: I02NA013
Date of investigation: 25/11/2005
Country: India
State: Uttaranchal
District: Theri
Longitude (at site): 78.66367
Latitude (at site): 30.42675
Altitude (m): 881
Catchment size (km²): 100
Pre-classification: bad



Description

The sampling site is situated in the city of Ghansyali 100 m upstream the confluence to river Bhilangha. The river is used as drain for the effluence of the city. Wastes and open defecation heavily affect the floodplain. Mesolithal (50%) and macrolithal (40%) dominate the mineral riverbed material. At the sampling site the river has an average width of 3.5 m. Its mean depth is 25 cm, mean current velocity is 40 cm/s. Sewage fungi are visible with the naked eyes. Ferro-sulphide reduction phenomena exhibit on upper and lower surface of stones both in lentic areas and lotic areas. The macroinvertebrate community comprises mainly Philopotamidae (Trichoptera) and fewer amounts of chironomids and leeches.

pH	conductivity [μ S/cm]	oxygen content [mg/l]	oxygen saturation [%]	temperature[$^{\circ}$ C]	nitrite	nitrate
4	94.8	9.05	104.2	14.5	+	< 10

River name: Ninglad
Ecoregion: Subtropical Pine Forest (IM 0301)

Site name: 8km d/s Bhowali d/s Kainchi Temple
Sampling Code: I02NI023
Date of investigation: 17/11/2005
Country: India
State: Uttaranchal
District: Nainital
Longitude (at site): 79.50850
Latitude (at site): 29.42914
Altitude (m): 1300
Catchment size (km²): 800
Pre-classification: good



Description

Approximately 10 kilometers downstream of Ninglad Nala (I02NA013) a further river each of river Ninglad was observed. The site could be reached over steps leading down to a small farmhouse. In terms of hydromorphology the sampling sites reveals near natural conditions. Megalithal (40%) is dominating the riverbed, followed by macro- and mesolithal each of 20% share. Average stream width is 10 m, mean depth was estimated 25 cm and mean current velocity is 40 cm/s. The water carries small amount of foam and suspended solids. Ferro-sulphide reduction is commonly distributed on upper and lower parts of the stones. Thick layer of algae are frequently occurring. Diatoms are colonizing in thin layers huge amount of boulders. Macroinvertebrate community comprises specimens of Baetidae, Ephemerillidae, Rhyacophila, Simuliidae and Hydropsyche.

pH	conductivity [μ S/cm]	oxygen content [mg/l]	oxygen saturation [%]	temperature[$^{\circ}$ C]	nitrite	nitrate
6	117.4	9.36	105.4	13.3	-	< 10

River name: Ninglad Nala
Ecoregion: Subtropical Pine Forest (IM 0301)

Site name: at Bhowali u/s cremation site
Sampling Code: I02NI013
Date of investigation: 17/11/2005
Country: India
State: Uttaranchal
District: Nainital
Longitude (at site): 79.51192
Latitude (at site): 29.39001
Altitude (m): 1631
Catchment size (km2): 100
Pre-classification: poor-bad



Description

The sampling site is situated in Bhowali. The observed drain carries the effluence of the latter city. The water exhibits huge amounts of suspended particles. Foam is easily detectable and the riverbed, including the banks is characterized by huge amounts of waste (including slaughter waste). The mineral riverbed material is mainly built by mesolithal (50%). Average stream width is 3.5 m, mean depth is 8 cm and mean current velocity is 35 cm/s. Ferro-sulphide reduction phenomena can be seen at upper and lower surfaces of stones both in lentic and lotic areas. Red chironomids, Simuliidae and Baetidae are dominating the macroinvertebrate community. Leeches and Turbellaria are also common.

pH	conductivity [μ S/cm]	oxygen content [mg/l]	oxygen saturation [%]	temperature[$^{\circ}$ C]	nitrite	nitrate
6.5	146	7.99	89.4	11.9	+	< 10

River name: Pindar
Ecoregion: Subtropical Pine Forest (IM 0301)

Site name: u/s Tharali
Sampling Code: I02PI013
Date of investigation: 23/11/2005
Country: India
State: Uttaranchal
District: Chomali
Longitude (at site): 79.55094
Latitude (at site): 30.03921
Altitude (m): 1243
Catchment size (km²): 800
Pre-classification: good



Description

The sampling site is situated in a landscape that is dominated by human activities, i.e. terraces, pasture and residents houses. The riverbed is dominated by macrolithal (75%). The average stream width is 35 m, the mean depth is 50 cm and mean current velocity is 31 cm/s. The mineral substrata of the river are almost entirely covered with algae layers. The water of the river exhibits few amounts of suspended solids. The species richness and the abundance of animals is medium. The macroinvertebrate community contains members of stoneflies, Simuliidae and Blepharicidae. 60% of the sampling site was not wadeable.

DUE TO ALGAE LAYER AND FLOW VELOCITY SAMPLING WAS VERY DANGEROUS. SAMPLING SITE SHOULD NOT BE TAKEN FOR FURTHER INVESTIGATIONS!

pH	conductivity [μ S/cm]	oxygen content [mg/l]	oxygen saturation [%]	temperature[$^{\circ}$ C]	nitrite	nitrate
7	177.4	11.6	144.8	9.7	-	< 10

River name: Ram Gad
Ecoregion: Subtropical Pine Forest (IM 0301)

Site name: at Kherana u/s confluence river Kosi
Sampling Code: I02RA013
Date of investigation: 18/11/2005
Country: India
State: Uttaranchal
District: Nainital
Longitude (at site): 79.47818
Latitude (at site): 29.49583
Altitude (m): 884
Catchment size (km²): 500
Pre-classification: good



Description

The sampling site is situated 300 m before the confluence with the river Kosi. At the sampling site the river reach is affected by residents household activity and cropland. The average stream width is 6 m, mean depth is 20 cm and mean current velocity is 50 cm/s. The riverbed material mainly consists of macro- and mesolithal. The latter material shows few amounts of black spots and is sparsely colonized by filamentous green algae. The macroinvertebrate community comprises members of the families Heptageniidae, Rhyacophiliidae and Simuliidae. Only a few specimens could be found. Red Chironomids are occurring in few amounts.

pH	conductivity [μ S/cm]	oxygen content [mg/l]	oxygen saturation [%]	temperature[$^{\circ}$ C]	nitrite	nitrate
6	182.3	9.75	103.1	12.7	-	< 10

River name: Sarju
Ecoregion: Subtropical Pine Forest (IM 0301)

Site name: u/s Bharadi village
Sampling Code: I02SA013
Date of investigation: 21/11/2005
Country: India
State: Uttaranchal
District: Bageshwar
Longitude (at site): 79.90515
Latitude (at site): 29.9636
Altitude (m): 1088
Catchment size (km²): 250
Pre-classification: moderate-poor



Description

The river flows through a landscape that is characterized by human activities, i.e. terraces, lodging and resident's houses. The floodplain is used for open defecation. Macro- and mesolithal each of a share of 25% dominate the riverbed. The average stream width is 25 m, the mean depth is 40 cm and the mean current velocity is 50 cm/s. Thick algae layers cover almost the entire mineral riverbed substrata and the water carries suspended solids. Only a few species could be found (e.g. Baetidae, Ephemerillidae and Simuliidae). 60% of the riverbed was wadeable.

pH	conductivity [μ S/cm]	oxygen content [mg/l]	oxygen saturation [%]	temperature[$^{\circ}$ C]	nitrite	nitrate
6.5	236	7.18	78.2	13.2	-	< 10

River name: Sarju
Ecoregion: Subtropical Pine Forest (IM 0301)

Site name: d/s Bageshwar drain
Sampling Code: I02SA023
Date of investigation: 21/11/2005
Country: India
State: Uttaranchal
District: Bageshwar
Longitude (at site): 79.77346
Latitude (at site): 29.83960
Altitude (m): 867
Catchment size (km2): -
Pre-classification: bad



Description

The direct impact area of a drain outlet into the river Sarju in the center of Bageshwar was investigated. The floodplain is used for waste disposal, open defecation and removal of mineral material. Psammal (50%) and pelal (30%) dominate the riverbed material of the observed river reach. Mean water depth at the sampling site is 15 cm and mean current velocity is 3 cm/s. Red Chironomids and sewage fungi obtain huge amounts at the site. The water smells, carries suspended particles and shows a brownish colour.

pH	conductivity [μ S/cm]	oxygen content [mg/l]	oxygen saturation [%]	temperature[$^{\circ}$ C]	nitrite	nitrate
8	324	5.05	64.5		+	< 10

River name: Sarju
Ecoregion: Subtropical Pine Forest (IM 0301)

Site name: d/s confluence with Gomti at Bageshwar near Bilona Temple
Sampling Code: I02SA033
Date of investigation: 22/11/2005
Country: India
State: Uttaranchal
District: Bageshwar
Longitude (at site): 79.77312
Latitude (at site): 29.82193
Altitude (m): 842
Catchment size (km²): 800
Pre-classification: moderate-poor



Description

The sampling site is situated downstream the confluence of river Sarju und river Gomti at the end of Bageshwar city. The trough valley is exclusively used for human activities, e.g. cropland, lodging, terraces and urban sites. Mesolithal (55%) obtains the highest amount of the riverbed material. At the sampling site the river has an average stream width of 40 m. Its mean depth is 30 cm and mean current velocity is 40 cm/s. The water carries suspended solids. Wastes are detectable in the riverbed and at the banks. Lower surface of stones reveal black dots in lentic and lotic areas of the sampling site. Only few specimens could be found. The community contains mainly individuals of Hydropsyche and red Chironomids. 40% of the sampling site is not wadeable.

pH	conductivity [μ S/cm]	oxygen content [mg/l]	oxygen saturation [%]	temperature[$^{\circ}$ C]	nitrite	nitrate
7	262	9.73	107.7	14.6	-	< 10

Taxalist Multi-Habitat sampling. BIV = Bivalvia, COL = Coleoptera, CRU = Crustacea, DIP = Diptera, EPH = Ephemeroptera, GAS = Gastropoda, HET = Heteroptera, HIR = Hirudinea, LEP = Lepidoptera, ODO = Odonata, OLI = Oligochaeta, PLE = Plecoptera, PLA = Plannipennia, POL = Polychaeta, TRI = Trichoptera, TUR = Turbellaria.

Taxa group	Taxon	Author	H03AB013	H03AB011	H03BC011	H03HC013	H03HC011	N03CH013	N03CH011	N03CH023	N03CH021	H03TZ013	H03TZ011	H03TC013	H03TC011	H03TM013	H03TM011	H03TD013	H03TD011	H03TD023	H03TD021
DIP	<i>Corynoneura lobata</i>	EDWARDS, 1924	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Corynoneura</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Cricotopus</i> (<i>Isocladius</i>) sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Cricotopus</i> sp.	VAN DER WULP, 1874	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Culicidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Culicinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Dasyheleinae Gen. sp.		0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
DIP	Deuterophlebiidae Gen. sp.		6	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
DIP	<i>Diamesa aberrata</i>	LUNDBECK, 1889	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Diamesa cinerella/zernyi</i> -Gr.	-	64	0	0	0	0	0	0	0	0	0	0	0	0	69	0	0	0	200	0
DIP	<i>Diamesa</i> sp.	MEIGEN, 1835	25	0	0	1	0	0	0	0	0	0	0	0	0	20	0	0	0	33	6
DIP	Diamesinae Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Diamesini Gen. sp.		0	7	0	0	0	0	0	0	0	0	0	1	0	1970	0	1170	0	108	0
DIP	<i>Dicranota</i> sp.		2	0	0	10	0	0	0	0	0	0	1	0	0	0	0	0	0	3	0
DIP	Diptera Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Diptera Gen. sp.	-	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Diptera Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
DIP	Dixidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
DIP	Dolichopodidae "type Pakistan"		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Dolichopodidae Gen. sp.		0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Eloeophila</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Empididae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0
DIP	Empididae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Ephydriidae Gen. sp.		0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
DIP	Erioptera sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Eukiefferiella claripennis</i> -Gr.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Eukiefferiella devonica</i> -Gr.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0
DIP	<i>Eukiefferiella gracei</i> -Gr.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0
DIP	<i>Eukiefferiella gracei</i> -Gr.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Eukiefferiella</i> sp.	THIENEMANN, 1926	51	0	0	2	0	0	0	0	0	0	0	0	0	60	0	0	0	19	0
DIP	Forcipomyiinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Harnischia acuta</i>	(GOETGHEBUER, 1936)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Heleinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Hemerodromia</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Hexatoma</i> sp.		0	0	0	6	0	0	0	0	0	0	1	0	5	0	1	0	2	0	0
DIP	<i>Hexatoma</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Horaia</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Limnophora</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Limnophyes sp.	EATON, 1875	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Limoniidae "one appendix"		0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
DIP	Limoniidae Gen. sp.		0	1	207	0	29	3	3	0	0	0	0	0	101	1	7	0	0	0	27

Taxa group	Taxon	Author	H03AB013	H03AB011	H03BC011	H03HC013	H03HC011	N03CH013	N03CH011	N03CH023	N03CH021	H03TZ013	H03TZ011	H03TC013	H03TC011	H03TM013	H03TM011	H03TD013	H03TD011	H03TD023	H03TD021	
DIP	Limoniidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Limoniinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Limoniinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Lispe sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Macropelopia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Microtendipes pedellus-Gr.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Microtendipes sp.	KIEFFER, 1915	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Muscidae Gen. sp.		0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Nanocladius sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
DIP	Neotelmatoscopus sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Orthoclaadiinae Gen. sp.		25	38	87	0	155	0	3	0	0	0	0	0	12	35	300	0	385	33	209	
DIP	Orthoclaadiinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Orthoclaadiini COP	-	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0
DIP	Orthoclaadiini Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Orthocladus (Euorthocladus) rivicola	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Orthocladus (Euorthocladus) rivicola-Gr.	-	0	0	0	1	0	0	0	0	0	0	0	0	0	118	0	0	0	0	0	0
DIP	Orthocladus (Euorthocladus) rivulorum	KIEFFER, 1909	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Orthocladus (Euorthocladus) saxosus	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Orthocladus (Euorthocladus) sp.		89	0	0	0	0	0	0	0	0	2	0	0	0	317	0	0	0	418	0	0
DIP	Orthocladus (Orthocladus) sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Orthocladus sp.	VAN DER WULP, 1874	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Pagastia sp.	-	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Parachactocladus sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Parachaetocladus sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Parakiefferiella sp.	THIENEMANN, 1936	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Parametricnemus sp.	GOETGHEBUER, 1932	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Paratendipes sp.	KIEFFER, 1911	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Paratrachocladus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Pediciidae Gen. sp.		0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
DIP	Pediciinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Pentaneurini Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
DIP	Pericomini Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Polypedilum (Polypedilum) sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Polypedilum (Polypedilum) sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Polypedilum (Uresipedilum) sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Polypedilum sp.	KIEFFER, 1912	0	0	0	0	0	0	0	0	0	22	0	0	0	17	0	0	0	0	0	0
DIP	Potamia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Psychoda sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
DIP	Psychodidae Gen. sp.		0	0	0	0	0	0	0	0	1	0	0	0	0	5	0	0	0	0	0	0
DIP	Rhagionidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Rheocricotopus sp.	THIENEMANN & HARNISCH, 1932	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0

Taxa group	Taxon	Author	H03AG013	H03AG011	H03AG021	N03GH023	N03GH021	N03GH033	N03GH031	N03GH013	N03GH011	H03A013	H03A011	H03WL011	H03WL031	H03HL013	H03HL011	N03MA033	N03MA031	N03MA023	N03MA021	N03MA013
CRU	Eulimnadia sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRU	Gangemysis assimilis	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRU	Himalayapotamon atkinsonianum	(Wood-Mason, 1871)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRU	Himalayapotamon atkinsonianum	(Wood-Mason, 1871)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
CRU	Himalayapotamon emphysetum	(Alcock, 1899)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRU	Himalayapotamon sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
CRU	Himalayapotamon sunkoshiense	Brandis & Sharma, 2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRU	Macrobrachium sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRU	Mysidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRU	Ostracoda Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRU	Palaemonidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRU	Potamidae Gen. sp.		0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0
DIP	Anopheles sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Anophelinae Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Antocha (Antocha) sp.		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
DIP	Antocha sp.		18	31	0	0	0	11	0	5	0	0	40	3	12	31	0	0	0	0	0	2
DIP	Antocha sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Athericidae Gen. sp.		1	0	0	0	0	0	0	7	10	0	0	18	9	0	0	0	4	0	4	5
DIP	Atherix sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Bazarella sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Bezzia-Type sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Blepharicera sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
DIP	Blepharicera sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Blephariceridae Gen. sp.		0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
DIP	Blephariceridae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Brillia flavifrons	JOHANNSEN, 1905	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
DIP	Brillia sp.	KIEFFER, 1913	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Cardiocladius sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Ceratopogonidae Gen. sp.		0	0	5	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
DIP	Chelifera sp.	MACQUART, 1823	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Chironomidae Gen. sp.		281	7	7	0	0	0	0	0	0	1445	2	6	0	0	6	0	0	0	11	0
DIP	Chironomidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Chironominae Gen. sp.	-	0	0	0	0	6	0	25	0	0	0	0	132	0	0	0	0	0	0	0	0
DIP	Chironomini Gen. sp.		0	0	7	27	0	2	0	1	0	0	0	0	0	0	32	2	0	0	10	0
DIP	Chironomini Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Chironomus sp.	MEIGEN, 1803	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Chloropidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	38	0	0	0	0	0	0	0
DIP	Cladotanytarsus conversus	JOHANNSEN, 1932	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Clinocera sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Clinocerinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Clinocerinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Conchapelopia sp.	ROBACK, 1859	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0

Taxa group	Taxon	Author	H03AG013	H03AG011	H03AG021	N03GH023	N03GH021	N03GH033	N03GH031	N03GH013	N03GH011	H03A013	H03A011	H03WL011	H03WL031	H03HL013	H03HL011	N03MA033	N03MA031	N03MA023	N03MA021	N03MA013
DIP	<i>Corynoneura lobata</i>	EDWARDS, 1924	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Corynoneura</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Cricotopus</i> (<i>Isocladius</i>) sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Cricotopus</i> sp.	VAN DER WULP, 1874	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Culicidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Culicinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Dasyheleinae</i> Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Deuterophlebiidae</i> Gen. sp.		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0
DIP	<i>Diamesa aberrata</i>	LUNDBECK, 1889	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Diamesa cinerella/zernyi</i> -Gr.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	65	0	0	0	0	0	0
DIP	<i>Diamesa</i> sp.	MEIGEN, 1835	0	0	0	0	0	0	0	0	0	0	0	0	0	61	0	0	0	0	0	0
DIP	<i>Diamesinae</i> Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Diamesini</i> Gen. sp.		0	0	41	0	0	3	0	2	0	0	0	2	0	0	624	0	0	0	0	0
DIP	<i>Dicranota</i> sp.		1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
DIP	Diptera Gen. sp.	-	0	0	0	0	0	0	0	0	0	39	0	0	0	6	0	0	0	0	0	0
DIP	Diptera Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Diptera Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Dixidae</i> Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Dolichopodidae</i> "type Pakistan"		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Dolichopodidae</i> Gen. sp.		0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	1	0
DIP	<i>Eloeophila</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Empididae</i> Gen. sp.		0	0	13	0	0	0	0	0	0	0	8	3	1	0	2	0	0	0	0	0
DIP	<i>Empididae</i> Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Ephydriidae</i> Gen. sp.		1	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0
DIP	<i>Erioptera</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Eukiefferiella claripennis</i> -Gr.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Eukiefferiella devonica</i> -Gr.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Eukiefferiella gracei</i> -Gr.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Eukiefferiella gracei</i> -Gr.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Eukiefferiella</i> sp.	THIENEMANN, 1926	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Forcipomyiinae</i> Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Harnischia acuta</i>	(GOETGHEBUER, 1936)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Heleinae</i> Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Hemerodromia</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Hexatoma</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0
DIP	<i>Hexatoma</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Horaia</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Limnophora</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Limnophyes</i> sp.	EATON, 1875	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Limoniidae</i> "one appendix"		0	0	0	0	0	0	0	0	24	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Limoniidae</i> Gen. sp.		0	0	241	0	0	2	0	1	0	3	0	30	0	0	0	5	0	6	3	5

Taxa group	Taxon	Author	H03AG013	H03AG011	H03AG021	N03GH023	N03GH021	N03GH033	N03GH031	N03GH013	N03GH011	H03A013	H03A011	H03WL011	H03WL031	H03HL013	H03HL011	N03MA033	N03MA031	N03MA023	N03MA021	N03MA013
DIP	Limoniidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Limoniinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Limoniinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Lispe sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Macropelopia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Microtendipes pedellus-Gr.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Microtendipes sp.	KIEFFER, 1915	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Muscidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0
DIP	Nanocladius sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Neotelmatoscopus sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Orthoclaadiinae Gen. sp.		0	0	124	2	0	141	6	0	0	0	0	7	0	2	311	0	0	0	22	0
DIP	Orthoclaadiinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Orthoclaadiini COP	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Orthoclaadiini Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Orthocladus (Euorthocladus) rivicola	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Orthocladus (Euorthocladus) rivicola-Gr.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Orthocladus (Euorthocladus) rivulorum	KIEFFER, 1909	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Orthocladus (Euorthocladus) saxosus	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Orthocladus (Euorthocladus) sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
DIP	Orthocladus (Orthocladus) sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Orthocladus sp.	VAN DER WULP, 1874	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Pagastia sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Parachactocladus sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Parachaetocladus sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Parakiefferiella sp.	THIENEMANN, 1936	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Parametricnemus sp.	GOETGHEBUER, 1932	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Paratendipes sp.	KIEFFER, 1911	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Paratrachocladus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Pediciidae Gen. sp.		0	0	2	0	0	0	0	0	0	0	0	7	2	0	0	0	0	0	0	0
DIP	Pediciinae Gen. sp.		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
DIP	Pentaneurini Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Pericomini Gen. sp.	-	0	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Polypedilum (Polypedilum) sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Polypedilum (Polypedilum) sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Polypedilum (Uresipedilum) sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Polypedilum sp.	KIEFFER, 1912	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Potamia sp.		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
DIP	Psychoda sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Psychodidae Gen. sp.		0	0	6	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0
DIP	Rhagionidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Rheocricotopus sp.	THIENEMANN & HARNISCH, 1932	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0

Taxa group	Taxon	Author	H03AG013	H03AG011	H03AG021	N03GH023	N03GH021	N03GH033	N03GH031	N03GH013	N03GH011	H03A013	H03A011	H03WL011	H03WL031	H03HL013	H03HL011	N03MA033	N03MA031	N03MA023	N03MA021	N03MA013	
OLI	Lumbricidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OLI	Lumbriculidae Gen. sp.		0	72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OLI	Megascolecidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OLI	Megascolecidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OLI	Megascolecidae Gen. sp.		0	0	0	2	2	2	2	2	0	0	0	0	0	0	0	0	7	0	1	0	0
OLI	Microchaetidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OLI	Naididae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OLI	Nais elinguis	O. F. MULLER, 1774	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OLI	Nais sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OLI	Nais variabilis	PIGUET, 1906	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OLI	Ochtochaetidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OLI	Oligochaeta Gen. sp.	-	0	0	12	0	0	0	0	1	0	127	0	0	0	0	0	40	0	0	0	0	
OLI	Perionyx excavatus	PERRIER, 1872	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OLI	Perionyx fluviatilis n. sp.	Nesemann, 2006	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	
OLI	Ramiella sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OLI	Stylaria fossularis	LEIDY, 1852	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OLI	Tubificidae Gen. sp.		0	108	0	0	0	0	0	48	2	0	10	0	0	0	0	1	0	0	35	0	58
PLA	Planipennia Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PLE	Acroneurinae Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	
PLE	Amphinemura sp.	-	8	0	0	0	0	0	0	0	0	0	0	5	30	0	0	0	0	0	0	0	
PLE	Capniidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PLE	Chloroperlidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	79	7	0	0	0	0	0	0	0	
PLE	Chloroperlidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PLE	Claasenia sp.		0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
PLE	Claasenia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PLE	Cryptoperla sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PLE	Etrocorema sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PLE	Haploperla sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PLE	Indonemoura adunca	ZWICK & SIVEC, 1980	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PLE	Indonemoura sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PLE	Kamimuria sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PLE	Leuctridae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PLE	Megarcys sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PLE	Megarcys sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PLE	Mesonemoura sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PLE	Nemoura sp.		0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	
PLE	Nemoura sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PLE	Nemouridae Gen. sp.		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
PLE	Nemouridae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PLE	Neoperla sp.		0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
PLE	Neoperla sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	

Taxa group	Taxon	Author	H03AG013	H03AG011	H03AG021	N03GH023	N03GH021	N03GH033	N03GH031	N03GH013	N03GH011	H03A013	H03A011	H03WL011	H03WL031	H03HL013	H03HL011	N03MA033	N03MA031	N03MA023	N03MA021	N03MA013
PLE	Paraleuctra sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLE	Paraleuctra sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLE	Peltoperlidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLE	Perlidae Gen. sp.		0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0	1
PLE	Perlidae Gen. sp.		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLE	Perlinae Gen. sp.	-	0	0	0	1	0	4	4	8	0	0	0	7	5	0	0	1	1	1	0	0
PLE	Perlinae Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
PLE	Periodidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLE	Periodidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLE	Perlomyia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLE	Phanoperla sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLE	Phanoperla sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLE	Plecoptera Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLE	Sphaeronemoura sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLE	Togoperla sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLE	Tyloperla sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POL	Nephthys oligobranchia	SOUTHERN, 1921	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Abacaria sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Agapetinae Gen. sp.		63	0	0	0	0	0	0	0	0	71	0	0	1	26	0	0	0	0	0	0
TRI	Agapetus sp.		0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
TRI	Amphipsyche sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Anisocentropus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Apatania sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Apataniidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Apsilochorema sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Arctopsyche sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Arctopsychinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Brachycentridae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Brachycentrus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Brachycentrus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
TRI	Brachycentrus sp.		21	0	0	0	0	0	0	0	0	1	0	0	0	321	0	0	0	0	0	0
TRI	Calamoceratidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Ceraclea sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Cheumatopsyche sp.		0	0	0	66	0	0	0	1	24	1	0	0	0	0	0	0	0	0	30	0
TRI	Chimarra sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
TRI	Diplectrona salai	NAVÁS, 1932	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Diplectrona sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Diplectroninae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Dipseudopsidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Dolophilodes "kisaura"		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Dolophilodes sp.		0	0	0	1	0	0	0	0	0	0	0	0	21	0	0	0	0	0	0	0

Taxa group	Taxon	Author	N03MA011	H03AN013	H03AN011	H03TO013	H03TO011	H03AP013	H03AP011	H03AP023	H03AP041	H03AP031	N03P-U023	N03P-U021	N03P-U013	N03P-U011	N03P-U043	N03P-U041	N03P-U053	N03P-U051
DIP	<i>Corynoneura lobata</i>	EDWARDS, 1924	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Corynoneura</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Cricotopus</i> (<i>Isocladus</i>) sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Cricotopus</i> sp.	VAN DER WULP, 1874	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Culicidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Culicinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Dasyheleinae</i> Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Deuterophlebiidae</i> Gen. sp.		0	0	0	173	0	29	0	31	0	11	0	0	0	0	0	0	0	0
DIP	<i>Diamesa aberrata</i>	LUNDBECK, 1889	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Diamesa cinerella/zernyi</i> -Gr.	-	0	0	0	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Diamesa</i> sp.	MEIGEN, 1835	0	7	0	31	33	0	0	1	0	0	0	0	0	0	0	0	0	0
DIP	<i>Diamesinae</i> Gen. sp.	-	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Diamesini</i> Gen. sp.		0	0	61	0	33	0	236	0	0	0	2	0	0	0	0	0	0	0
DIP	<i>Dicranota</i> sp.		0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Diptera Gen. sp.	-	0	0	0	4	0	1	0	1	0	0	0	0	0	0	0	0	0	0
DIP	Diptera Gen. sp.	-	0	0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Diptera Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Dixidae</i> Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Dolichopodidae</i> "type Pakistan"		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Dolichopodidae</i> Gen. sp.		0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	1	0	0
DIP	<i>Eloeophila</i> sp.		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Empididae</i> Gen. sp.		0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Empididae</i> Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Ephydridae</i> Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Erioptera</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Eukiefferiella claripennis</i> -Gr.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Eukiefferiella devonica</i> -Gr.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Eukiefferiella gracei</i> -Gr.	-	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Eukiefferiella gracei</i> -Gr.	-	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Eukiefferiella</i> sp.	THIENEMANN, 1926	0	4	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Forcipomyiinae</i> Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Harnischia acuta</i>	(GOETGHEBUER, 1936)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Heleinae</i> Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Hemerodromia</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Hexatoma</i> sp.		0	38	0	3	0	6	0	8	0	0	0	0	0	0	0	0	0	0
DIP	<i>Hexatoma</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Horaia</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Limnophora</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Limnophyes</i> sp.	EATON, 1875	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Limoniidae</i> "one appendix"		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Limoniidae</i> Gen. sp.		10	0	12	4	0	0	86	0	0	0	1	1	4	3	0	0	0	0

Taxa group	Taxon	Author	N03MA011	H03AN013	H03AN011	H03TO013	H03TO011	H03AP013	H03AP011	H03AP023	H03AP041	H03AP031	N03P-U023	N03P-U021	N03P-U013	N03P-U011	N03P-U043	N03P-U041	N03P-U053	N03P-U051
TRI	Ecnomidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Ecnomus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Eubasilissa sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
TRI	Glossosoma sp.		0	0	0	0	7	0	0	0	0	1	0	0	0	0	0	0	0	0
TRI	Glossosomatidae Gen. sp.		3	0	0	0	0	19	0	7	0	0	0	0	0	0	0	0	0	0
TRI	Glossosomatidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Glossosomatinae Gen. sp.	-	0	0	0	55	4	53	0	18	0	0	0	0	0	0	0	0	0	0
TRI	Glossosomatinae Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Goera sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Goera sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Goeridae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Helicopsyche sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Helicopsychidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Himalopsyche "type A"		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Himalopsyche "type B"		0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Himalopsyche "type C"		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Himalopsyche sp.	BANKS, 1940	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Himalopsyche sp.	BANKS, 1940	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Hydrobiosidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0
TRI	Hydropsyche "calda-group"		0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Hydropsyche "Type 2"	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Hydropsyche "white stripe"		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
TRI	Hydropsyche sp.		1	1	0	19	5	30	0	25	0	156	20	0	0	3	0	0	0	0
TRI	Hydropsyche sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Hydropsychidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Hydropsychidae Gen. sp.		1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
TRI	Hydropsychinae Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Hydroptila sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Hydroptilidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Hydroptilidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Hyporhyacophila "tristis"		0	0	0	0	0	0	2	0	0	9	0	0	0	0	0	0	0	0
TRI	Hyporhyacophila "without gills"		0	3	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0
TRI	Hyporhyacophila "without gills"		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Kisaura sp.		0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Lepidostoma sp.		0	2	0	25	0	1	0	0	0	1	0	0	0	26	0	0	0	0
TRI	Lepidostomatidae Gen. sp.		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Lepidostomatidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Leptoceridae Gen. sp.		0	42	12	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
TRI	Leptocerinae Gen. sp.		0	0	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Leptocerus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Leptonema sp.		8	0	0	0	0	0	0	0	0	0	0	0	0	39	0	0	0	0

Taxa group	Taxon	Author	N03PU033	N03PU031	N03RO033	N03RO031	N03RO023	N03RO021	N03RO013	N03RO011	N03RO043	N03RO041	H03TS013	H03TS011	H03TT013	H03TT011	H03TS023	H03TS021	H03TB021	H03TB011
DIP	<i>Corynoneura lobata</i>	EDWARDS, 1924	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
DIP	<i>Corynoneura</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Cricotopus</i> (<i>Isocladus</i>) sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Cricotopus</i> sp.	VAN DER WULP, 1874	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Culicidae Gen. sp.		0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0
DIP	Culicinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Dasyheleinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
DIP	Deuterophlebiidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Diamesa aberrata</i>	LUNDBECK, 1889	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Diamesa cinerella/zernyi</i> -Gr.	-	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0
DIP	<i>Diamesa</i> sp.	MEIGEN, 1835	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Diamesinae Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Diamesini Gen. sp.		0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	37	17
DIP	<i>Dicranota</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
DIP	Diptera Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Diptera Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Diptera Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Dixidae Gen. sp.		0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0
DIP	Dolichopodidae "type Pakistan"		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Dolichopodidae Gen. sp.		6	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Eloeophila</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Empididae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	10
DIP	Empididae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
DIP	Ephydriidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Erioptera sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
DIP	<i>Eukiefferiella claripennis</i> -Gr.	-	0	0	0	0	0	0	0	0	0	0	0	0	49	0	0	0	0	0
DIP	<i>Eukiefferiella devonica</i> -Gr.	-	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0
DIP	<i>Eukiefferiella gracei</i> -Gr.	-	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0
DIP	<i>Eukiefferiella gracei</i> -Gr.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Eukiefferiella</i> sp.	THIENEMANN, 1926	0	0	0	0	0	0	0	0	0	0	0	0	62	0	0	0	0	0
DIP	Forcipomyiinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Harnischia acuta</i>	(GOETGHEBUER, 1936)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Heleinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Hemerodromia</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Hexatoma</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0
DIP	<i>Hexatoma</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Horaia</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Limnophora</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Limnophyes</i> sp.	EATON, 1875	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
DIP	Limoniidae "one appendix"		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Limoniidae Gen. sp.		0	0	0	2	14	5	7	6	0	0	1	0	0	2	0	0	28	0

Taxa group	Taxon	Author	N03PU033	N03PU031	N03RO033	N03RO031	N03RO023	N03RO021	N03RO013	N03RO011	N03RO043	N03RO041	H03TS013	H03TS011	H03TT013	H03TT011	H03TS023	H03TS021	H03TB021	H03TB011
DIP	Limoniidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Limoniinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Limoniinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Lispe sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Macropelopia sp.		0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
DIP	Microtendipes pedellus-Gr.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Microtendipes sp.	KIEFFER, 1915	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Muscidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Nanocladius sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Neotelmatoscopus sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Orthoclaadiinae Gen. sp.		0	0	50	0	1	0	0	24	56	0	128	0	7	153	9	1	1068	429
DIP	Orthoclaadiinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Orthoclaadiini COP	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Orthoclaadiini Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Orthocladus (Euorthocladus) rivicola	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Orthocladus (Euorthocladus) rivicola-Gr.	-	0	0	0	0	0	0	0	0	0	0	0	0	32	0	0	0	0	0
DIP	Orthocladus (Euorthocladus) rivulorum	KIEFFER, 1909	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Orthocladus (Euorthocladus) saxosus	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Orthocladus (Euorthocladus) sp.		0	0	0	0	0	0	0	0	0	0	571	0	0	0	0	0	0	0
DIP	Orthocladus (Orthocladus) sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Orthocladus sp.	VAN DER WULP, 1874	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
DIP	Pagastia sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Parachactocladus sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
DIP	Parachaetocladus sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Parakiefferiella sp.	THIENEMANN, 1936	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Parametricnemus sp.	GOETGHEBUER, 1932	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Paratendipes sp.	KIEFFER, 1911	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Paratrachocladus sp.		0	0	0	0	0	0	0	0	0	0	2561	0	0	0	26	0	0	0
DIP	Pediciidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Pediciinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0
DIP	Pentaneurini Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Pericomini Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Polypedilum (Polypedilum) sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Polypedilum (Polypedilum) sp.		0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
DIP	Polypedilum (Uresipedilum) sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Polypedilum sp.	KIEFFER, 1912	0	0	0	0	0	0	0	0	0	0	0	0	1	0	12	0	0	0
DIP	Potamia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Psychoda sp.		0	0	0	0	0	0	0	0	0	0	25	0	0	0	31	0	0	0
DIP	Psychodidae Gen. sp.		0	0	0	0	0	2	0	0	0	0	1	0	1	0	2	0	0	0
DIP	Rhagionidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Rheocricotopus sp.	THIENEMANN & HARNISCH, 1932	0	0	0	0	0	0	0	0	0	0	13	0	1	0	0	0	0	0

Taxa group	Taxon	Author	N03PU033	N03PU031	N03RO033	N03RO031	N03RO023	N03RO021	N03RO013	N03RO011	N03RO043	N03RO041	H03TS013	H03TS011	H03TT013	H03TT011	H03TS023	H03TS021	H03TB021	H03TB011
PLE	Paraleuctra sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0
PLE	Paraleuctra sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLE	Peltoperlidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLE	Perlidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLE	Perlidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLE	Perlinae Gen. sp.	-	0	0	0	0	0	0	1	1	0	0	0	0	9	3	0	0	0	0
PLE	Perlinae Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLE	Periodidae Gen. sp.		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
PLE	Periodidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLE	Perlomyia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLE	Phanoperla sp.		0	0	0	0	0	0	12	17	0	0	0	0	0	0	0	0	0	0
PLE	Phanoperla sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLE	Plecoptera Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLE	Sphaeronemoura sp.		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
PLE	Togoperla sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLE	Tyloperla sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POL	Nephthys oligobranchia	SOUTHERN, 1921	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Abacaria sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Agapetinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0
TRI	Agapetus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Amphipsyche sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Anisocentropus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Apatania sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Apataniidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Apsilochorema sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Arctopsyche sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	16	0	0	0	0
TRI	Arctopsychinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Brachycentridae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Brachycentrus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1208	24
TRI	Brachycentrus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Brachycentrus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Calamoceratidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Ceraclea sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Cheumatopsyche sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Chimarra sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Diplectrona salai	NAVÁS, 1932	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Diplectrona sp.		0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0
TRI	Diplectroninae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Dipseudopsidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Dolophilodes "kisaura"		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Dolophilodes sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0

Taxa group	Taxon	Author	I02AD013	I02AD051	P02BR113	P02BR111	P02BR143	P02BR141	P02BR133	P02BR131	P02BR083	P02BR081	P02BR093	P02BR091	P02BR013	P02BR011	P02BR063	P02BR061	P02BR073	P02BR071	P02BR053
BIV	Amblemidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Corbicula bensoni	DESHAYES, 1854	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Corbicula cashmiriensis	DESHAYES, 1854	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Corbicula striatella	DESHAYES, 1854	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Corbicula striatella	DESHAYES, 1854	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
BIV	Corbiculidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30
BIV	Lamellidens marginalis	LAMARCK, 1819	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Lamellidens narainporensis	PRESTON, 1912	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Musculium indicum	DESHAYES, 1854	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Parreysia favidens favidens	BENSON, 1862	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Pisidium (Afropisidium) clarkeanum dhulikhelensis	NESEMANN & SHARMA, 2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Pisidium (Afropisidium) ellisi	DANCE, 1967	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Pisidium (Afropisidium) nevilleianum	THEOBALD, 1876	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
BIV	Pisidium (Afropisidium) nevilleianum	THEOBALD, 1876	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Pisidium (Euglesa) atkinsonianum	THEOBALD, 1876	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Pisidium (Odhnerpisidium) annandalei	PRASHAD, 1925	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Pisidium sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Radiatula caerulea	LEA, 1831	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Radiatula gaudichaudi	EYDOUX, 1838	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Radiatula lima	SIMPSON, 1900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Radiatula occata	LEA, 1860	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Sphaeriidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Unionidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Amphiops sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Amphiops sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Berosus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Berosus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Bidessini Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Bidessini Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Canthydrus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Canthydrus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Chrysomelidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Coelostoma sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Coleoptera Gen. sp.	-	0	0	0	11	0	1	0	0	0	11	0	0	0	3	0	0	0	0	0
COL	Colymbetinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Colymbetinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Curculionidae Gen. sp.		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Curculionidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Dineutus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Dineutus spinosus nepalensis	OCHS, 1929	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Dineutus spinosus nepalensis	OCHS, 1929	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Dryopidae Gen. sp.		0	0	0	0	0	0	0	0	1	4	0	0	1	0	4	0	0	0	0

Taxa group	Taxon	Author	I02AD013	I02AD051	P02BR113	P02BR111	P02BR143	P02BR141	P02BR133	P02BR131	P02BR083	P02BR081	P02BR093	P02BR091	P02BR013	P02BR011	P02BR063	P02BR061	P02BR073	P02BR071	P02BR053
DIP	<i>Corynoneura lobata</i>	EDWARDS, 1924	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Corynoneura</i> sp.		0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Cricotopus</i> (<i>Isocladius</i>) sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Cricotopus</i> sp.	VAN DER WULP, 1874	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Culicidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0
DIP	Culicinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Dasyheleinae</i> Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0
DIP	<i>Deuterophlebiidae</i> Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Diamesa aberrata</i>	LUNDBECK, 1889	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Diamesa cinerella/zernyi</i> -Gr.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Diamesa</i> sp.	MEIGEN, 1835	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Diamesinae</i> Gen. sp.	-	0	0	0	0	11	0	5	0	20	0	10	0	0	0	36	0	30	0	150
DIP	<i>Diamesini</i> Gen. sp.		0	0	0	33	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
DIP	<i>Dicranota</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Diptera Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Diptera Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Diptera Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Dixidae</i> Gen. sp.		0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
DIP	<i>Dolichopodidae</i> "type Pakistan"		0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Dolichopodidae</i> Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Eloeophila</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Empididae</i> Gen. sp.		0	0	0	0	0	1	0	0	1	2	0	0	0	0	0	0	0	0	0
DIP	<i>Empididae</i> Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Ephydriidae</i> Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Erioptera</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Eukiefferiella claripennis</i> -Gr.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Eukiefferiella devonica</i> -Gr.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Eukiefferiella gracei</i> -Gr.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Eukiefferiella gracei</i> -Gr.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Eukiefferiella</i> sp.	THIENEMANN, 1926	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Forcipomyiinae</i> Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
DIP	<i>Harnischia acuta</i>	(GOETGHEBUER, 1936)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Heleinae</i> Gen. sp.		0	0	0	0	0	0	0	0	2	0	0	0	5	0	0	0	0	0	0
DIP	<i>Hemerodromia</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Hexatoma</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Hexatoma</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Horaia</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Limnophora</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Limnophyes</i> sp.	EATON, 1875	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Limoniidae</i> "one appendix"		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Limoniidae</i> Gen. sp.		0	44	0	0	0	1	7	0	3	0	10	0	23	0	4	0	0	0	7

Taxa group	Taxon	Author	I02AD013	I02AD051	P02BR113	P02BR111	P02BR143	P02BR141	P02BR133	P02BR131	P02BR083	P02BR081	P02BR093	P02BR091	P02BR013	P02BR011	P02BR063	P02BR061	P02BR073	P02BR071	P02BR053
DIP	Rheotanytarsus sp.	THIENEMANN & BAUSE, 1913	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Sciaridae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Sciomyzidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	14	0	0	0	0	0	0
DIP	Simuliidae Gen. sp.		33	2	0	78	0	1	1	0	35	218	3	0	0	0	0	0	1	2	151
DIP	Stenochironomus sp.	KIEFFER, 1919	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Stratiomyiidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	16	0	0	0	0	0	0
DIP	Syrphidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
DIP	Tabanidae Gen. sp.		3	22	0	20	5	2	13	5	27	12	1	5	44	5	20	4	5	24	26
DIP	Tabanidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Tabanidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Tanypodinae Gen. sp.	-	89	2	0	0	30	0	70	0	15	0	15	0	450	0	6	0	30	0	170
DIP	Tanypodini Gen. sp.		0	0	0	11	0	5	0	0	0	6	0	0	0	3	0	4	0	1	0
DIP	Tanytarsini Gen. sp.		85	0	0	85	50	3	0	0	70	20	15	0	80	0	600	2	140	0	140
DIP	Tanytarsini Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Tanytarsus sp.	VAN DER WULP, 1874	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Thienemanniella sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Thienemannimyia-Gr. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Tipula sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Tipulidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
DIP	Tipulinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Tvetenia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Wiedemannia sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Acentrella sp.	-	23	279	0	39	0	1	0	0	4	0	0	65	0	0	0	0	20	0	0
EPH	Afronurus sp.		0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
EPH	Ameletidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Baetidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Baetidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
EPH	Baetidae Gen. sp.		20	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Baetiella sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Baetiella sp.		0	0	0	75	0	0	0	4	15	0	0	1	0	0	0	0	0	0	0
EPH	Baetis sp.		95	519	0	130	0	2	28	43	31	0	20	1900	16	1	36	10	870	3	40
EPH	Brachycercus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Caenidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Caenis sp.		0	0	0	127	2	31	18	33	2	6	7	9	75	28	112	27	2	0	9
EPH	Centropetella sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Centropetulum sp.		0	0	0	0	2	0	0	0	0	0	0	0	10	0	75	0	0	0	0
EPH	Choroterpes (Choroterpes) sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Choroterpes (Euthraulus) qadrica	ALI, 1967	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Choroterpes (Euthraulus) sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Choroterpes s.l.	-	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	8	0	1
EPH	Choroterpes sp.		0	0	0	0	2	24	3	0	2	0	0	0	1	0	57	5	4	0	2

Taxa group	Taxon	Author	P02BR051	P02BR163	P02BR161	P02BR103	P02BR101	P02BR123	P02BR121	P02BR043	P02BR041	P02BR033	P02BR031	P02BR153	P02BR151	P02BR023	P02BR021	N02BE013	N02BE011	I02BH013	I02BH121	H02SB013
BIV	Amblemidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0
BIV	Corbicula bensoni	DESHAYES, 1854	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Corbicula cashmiriensis	DESHAYES, 1854	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Corbicula striatella	DESHAYES, 1854	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Corbicula striatella	DESHAYES, 1854	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0
BIV	Corbiculidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Lamellidens marginalis	LAMARCK, 1819	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Lamellidens narainporensis	PRESTON, 1912	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Musculium indicum	DESHAYES, 1854	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Parresysia favidens favidens	BENSON, 1862	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Pisidium (Afropisidium) clarkeanum dhulikhelensis	NESEMANN & SHARMA, 2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Pisidium (Afropisidium) ellisi	DANCE, 1967	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Pisidium (Afropisidium) nevilleianum	THEOBALD, 1876	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Pisidium (Afropisidium) nevilleianum	THEOBALD, 1876	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Pisidium (Euglesa) atkinsonianum	THEOBALD, 1876	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Pisidium (Odhnerpisidium) annandalei	PRASHAD, 1925	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Pisidium sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Radiatula caerulea	LEA, 1831	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Radiatula gaudichaudi	EYDOUX, 1838	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Radiatula lima	SIMPSON, 1900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
BIV	Radiatula occata	LEA, 1860	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Sphaeriidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0
BIV	Unionidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Amphiops sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Amphiops sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Berosus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Berosus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Bidessini Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Bidessini Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Canthydrus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Canthydrus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Chrysomelidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Coelostoma sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Coleoptera Gen. sp.	-	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
COL	Colymbetinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Colymbetinae Gen. sp.		0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0
COL	Curculionidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Curculionidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Dineutus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Dineutus spinosus nepalensis	OCHS, 1929	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Dineutus spinosus nepalensis	OCHS, 1929	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Dryopidae Gen. sp.		0	0	0	0	0	1	0	0	0	0	0	0	0	6	0	0	0	1	0	0

Taxa group	Taxon	Author	P02BR051	P02BR163	P02BR161	P02BR103	P02BR101	P02BR123	P02BR121	P02BR043	P02BR041	P02BR033	P02BR031	P02BR153	P02BR151	P02BR023	P02BR021	N02BE013	N02BE011	I02BH013	I02BH121	H02SB013
DIP	Corynoneura lobata	EDWARDS, 1924	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Corynoneura sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Cricotopus (Isocladus) sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Cricotopus sp.	VAN DER WULP, 1874	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Culicidae Gen. sp.		0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Culicinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Dasyheleinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Deuterophlebiidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Diamesa aberrata	LUNDBECK, 1889	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Diamesa cinerella/zernyi-Gr.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Diamesa sp.	MEIGEN, 1835	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Diamesinae Gen. sp.	-	0	2	0	20	0	5	0	1150	0	0	0	110	0	5	0	0	0	0	0	0
DIP	Diamesini Gen. sp.		0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Dicranota sp.		0	0	0	0	0	9	0	0	0	0	0	2	0	0	0	0	0	0	0	0
DIP	Diptera Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Diptera Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Diptera Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Dixidae Gen. sp.		0	0	0	0	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Dolichopodidae "type Pakistan"		0	0	0	0	5	0	0	0	1	0	7	0	33	0	0	0	0	0	0	0
DIP	Dolichopodidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
DIP	Eloeophila sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Empididae Gen. sp.		0	0	0	1	1	1	0	23	0	0	0	12	0	1	0	0	0	0	6	0
DIP	Empididae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Ephydriidae Gen. sp.		0	0	0	0	0	0	2	1	0	0	0	0	0	1	0	0	0	0	9	0
DIP	Erioptera sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Eukiefferiella claripennis-Gr.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Eukiefferiella devonica-Gr.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Eukiefferiella gracei-Gr.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Eukiefferiella gracei-Gr.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Eukiefferiella sp.	THIENEMANN, 1926	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Forcipomyiinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Harnischia acuta	(GOETGHEBUER, 1936)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Heleinae Gen. sp.		0	0	0	0	0	1	0	0	0	0	0	0	0	3	0	0	0	0	0	0
DIP	Hemerodromia sp.		0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Hexatoma sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	16
DIP	Hexatoma sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Horaia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Limnophora sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Limnophyes sp.	EATON, 1875	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Limoniidae "one appendix"		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Limoniidae Gen. sp.		0	2	0	0	0	64	0	0	0	0	0	33	0	3	0	0	0	0	7	0

Taxa group	Taxon	Author	P02BR051	P02BR163	P02BR161	P02BR103	P02BR101	P02BR123	P02BR121	P02BR043	P02BR041	P02BR033	P02BR031	P02BR153	P02BR151	P02BR023	P02BR021	N02BE013	N02BE011	I02BH013	I02BH121	H02SB013
DIP	Rheotanytarsus sp.	THIENEMANN & BAUSE, 1913	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Sciaridae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Sciomyzidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Simuliidae Gen. sp.		32	0	0	25	3	40	3	18	0	5	0	29	95	0	0	0	0	3	2	7
DIP	Stenochironomus sp.	KIEFFER, 1919	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Stratiomyiidae Gen. sp.		0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Syrphidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Tabanidae Gen. sp.		5	0	0	42	0	2	2	8	5	0	1	0	0	24	0	0	7	0	10	2
DIP	Tabanidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Tabanidae Gen. sp.		0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
DIP	Tanypodinae Gen. sp.	-	0	0	0	100	0	80	9	300	0	206	0	50	21	65	0	0	7	0	3	0
DIP	Tanypodini Gen. sp.		0	0	0	0	12	0	2	0	79	0	0	0	0	0	3	0	0	0	0	0
DIP	Tanytarsini Gen. sp.		0	0	0	40	0	40	0	680	81	404	0	30	0	450	4	0	0	1	6	0
DIP	Tanytarsini Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Tanytarsus sp.	VAN DER WULP, 1874	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Thienemanniella sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Thienemannimyia-Gr. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Tipula sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Tipulidae Gen. sp.		0	0	0	2	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Tipulinae Gen. sp.		0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Tvetenia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Wiedemannia sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Acentrella sp.	-	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	4	21
EPH	Afronurus sp.		0	0	0	0	11	0	4	0	0	0	0	0	13	0	0	0	0	0	0	0
EPH	Ameletidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Baetidae Gen. sp.		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Baetidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
EPH	Baetidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	0
EPH	Baetiella sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Baetiella sp.		4	0	0	1	0	1	2	0	0	0	0	0	20	1	0	0	0	10	2	1
EPH	Baetis sp.		121	1	1	37	0	55	123	1	0	32	0	155	100	11	0	0	30	14	26	62
EPH	Brachycercus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Caenidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Caenis sp.		1	1	0	112	3	0	16	8	0	7	5	127	88	3	0	0	5	0	38	0
EPH	Centroptella sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
EPH	Centroptilum sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Choroterpes (Choroterpes) sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Choroterpes (Euthraulus) qadrica	ALI, 1967	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Choroterpes (Euthraulus) sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Choroterpes s.l.	-	0	0	0	0	0	0	0	0	0	0	0	61	0	2	0	0	0	0	0	0
EPH	Choroterpes sp.		0	1	0	7	0	0	0	0	0	0	0	38	24	1	1	0	0	0	0	2

Taxa group	Taxon	Author	H02SB011	H02BT013	N02B1013	N02B1011	H02TD013	H02TD011	H02PD013	H02PD011	H02PD023	H02PD021	N02DH013	N02DH011	H02PM013	H02PM011	I02GA013	I02GA091	H02CG013	H02CG011	I02GO013	I02GO041	H02P1013
BIV	Amblemidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Corbicula bensoni	DESHAYES, 1854	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Corbicula cashmiriensis	DESHAYES, 1854	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Corbicula striatella	DESHAYES, 1854	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Corbicula striatella	DESHAYES, 1854	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Corbiculidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Lamellidens marginalis	LAMARCK, 1819	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Lamellidens narainporensis	PRESTON, 1912	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Musculium indicum	DESHAYES, 1854	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Parreysia favidens favidens	BENSON, 1862	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Pisidium (Afropisidium) clarkeanum dhulikhelensis	NESEMANN & SHARMA, 2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Pisidium (Afropisidium) ellisi	DANCE, 1967	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Pisidium (Afropisidium) nevilleianum	THEOBALD, 1876	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Pisidium (Afropisidium) nevilleianum	THEOBALD, 1876	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Pisidium (Euglesa) atkinsonianum	THEOBALD, 1876	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Pisidium (Odhnerpisidium) annandalei	PRASHAD, 1925	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Pisidium sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Radiatula caerulea	LEA, 1831	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Radiatula gaudichaudi	EYDOUX, 1838	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Radiatula lima	SIMPSON, 1900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Radiatula occata	LEA, 1860	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Sphaeriidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Unionidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	16	0	0	0	0	0	0	0	0	0	0
COL	Amphiops sp.		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Amphiops sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Berosus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Berosus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Bidessini Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Bidessini Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Canthydrus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Canthydrus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Chrysomelidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Coelostoma sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Coleoptera Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Colymbetinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Colymbetinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Curculionidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Curculionidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Dineutus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Dineutus spinosus nepalensis	OCHS, 1929	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Dineutus spinosus nepalensis	OCHS, 1929	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Dryopidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0

Taxa group	Taxon	Author	H02SB011	H02BT013	N02B1013	N02B1011	H02TD013	H02TD011	H02PD013	H02PD011	H02PD023	H02PD021	N02DH013	N02DH011	H02PM013	H02PM011	I02GA013	I02GA091	H02CG013	H02CG011	I02GO013	I02GO041	H02P1013
DIP	<i>Corynoneura lobata</i>	EDWARDS, 1924	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Corynoneura</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Cricotopus (Isocladius)</i> sp.		0	256	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Cricotopus</i> sp.	VAN DER WULP, 1874	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Culicidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Culicinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Dasyheleinae</i> Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Deuterophlebiidae</i> Gen. sp.		0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Diamesa aberrata</i>	LUNDBECK, 1889	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Diamesa cinerella/zernyi</i> -Gr.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Diamesa</i> sp.	MEIGEN, 1835	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Diamesinae</i> Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Diamesini</i> Gen. sp.		0	0	25	0	0	0	0	0	0	16	51	0	0	0	0	36	0	2	0	0	0
DIP	<i>Dicranota</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Diptera Gen. sp.	-	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Diptera Gen. sp.	-	0	22	0	0	0	0	53	0	0	0	0	0	0	0	0	0	3	0	0	0	0
DIP	Diptera Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Dixidae</i> Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Dolichopodidae</i> "type Pakistan"		0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Dolichopodidae</i> Gen. sp.		0	0	0	0	0	0	0	0	0	0	11	1	0	0	0	0	0	0	0	0	0
DIP	<i>Eloeophila</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Empididae</i> Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0
DIP	<i>Empididae</i> Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Ephydriidae</i> Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
DIP	<i>Erioptera</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Eukiefferiella claripennis</i> -Gr.	-	0	128	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Eukiefferiella devonica</i> -Gr.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Eukiefferiella gracei</i> -Gr.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Eukiefferiella gracei</i> -Gr.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Eukiefferiella</i> sp.	THIENEMANN, 1926	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
DIP	<i>Forcipomyiinae</i> Gen. sp.		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Harnischia acuta</i>	(GOETGHEBUER, 1936)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Heleinae</i> Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Hemerodromia</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Hexatoma</i> sp.		0	0	0	0	8	0	41	0	0	0	0	0	9	0	0	2	1	0	0	10	6
DIP	<i>Hexatoma</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Horaia</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	5
DIP	<i>Limnophora</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Limnophyes</i> sp.	EATON, 1875	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Limoniidae</i> "one appendix"		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Limoniidae</i> Gen. sp.		11	0	0	0	0	2	1	0	0	0	15	16	1	19	0	0	0	16	0	43	0

Taxa group	Taxon	Author	H02P.J011	I02KA013	I02KA041	H02SK013	H02SK011	N02KH033	N02KH031	N02KH021	N02KH013	N02KH011	I02K.O023	I02K.O211	I02K.O043	I02K.O121	I02K.O013	I02K.O201	I02K.O033	I02K.O151	H02PC013	H02PC011	H02PC021
BIV	Amblemidae Gen. sp.		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Corbicula bensoni	DESHAYES, 1854	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Corbicula cashmiriensis	DESHAYES, 1854	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Corbicula striatella	DESHAYES, 1854	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Corbicula striatella	DESHAYES, 1854	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Corbiculidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Lamellidens marginalis	LAMARCK, 1819	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Lamellidens narainporensis	PRESTON, 1912	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Musculium indicum	DESHAYES, 1854	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Parreysia favidens favidens	BENSON, 1862	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Pisidium (Afropisidium) clarkeanum dhulikhelensis	NESEMANN & SHARMA, 2005	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
BIV	Pisidium (Afropisidium) ellisi	DANCE, 1967	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Pisidium (Afropisidium) nevillianum	THEOBALD, 1876	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Pisidium (Afropisidium) nevillianum	THEOBALD, 1876	0	0	0	0	0	28	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Pisidium (Euglesa) atkinsonianum	THEOBALD, 1876	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Pisidium (Odhnerpisidium) annandalei	PRASHAD, 1925	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Pisidium sp.		0	0	0	0	0	491	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Radiatula caerulea	LEA, 1831	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Radiatula gaudichaudi	EYDOUX, 1838	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Radiatula lima	SIMPSON, 1900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Radiatula occata	LEA, 1860	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Sphaeriidae Gen. sp.		0	0	0	0	0	0	51	14	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	Unionidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Amphiops sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Amphiops sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Berosus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Berosus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Bidessini Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Bidessini Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Canthydrus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Canthydrus sp.		0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
COL	Chrysomelidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Coelostoma sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Coleoptera Gen. sp.	-	2	0	4	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
COL	Colymbetinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Colymbetinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Curculionidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Curculionidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Dineutus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Dineutus spinosus nepalensis	OCHS, 1929	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Dineutus spinosus nepalensis	OCHS, 1929	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Dryopidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0

Taxa group	Taxon	Author	H02PJ011	I02KA013	I02KA041	H02SK013	H02SK011	N02KH033	N02KH031	N02KH021	N02KH013	N02KH011	I02K0023	I02K0211	I02K0043	I02K0121	I02K0013	I02K0201	I02K0033	I02K0151	H02PC013	H02PC011	H02PC021
DIP	<i>Corynoneura lobata</i>	EDWARDS, 1924	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Corynoneura sp.</i>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Cricotopus (Isocladius) sp.</i>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Cricotopus sp.</i>	VAN DER WULP, 1874	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Culicidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Culicinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Dasyheleinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Deuterophlebiidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
DIP	<i>Diamesa aberrata</i>	LUNDBECK, 1889	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Diamesa cinerella/zernyi-Gr.</i>	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Diamesa sp.</i>	MEIGEN, 1835	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Diamesinae Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Diamesini Gen. sp.		0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Dicranota sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
DIP	Diptera Gen. sp.	-	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0
DIP	Diptera Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Diptera Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Dixidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Dolichopodidae "type Pakistan"		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Dolichopodidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Eloeophila sp.</i>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Empididae Gen. sp.		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
DIP	Empididae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Ephydriidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Erioptera sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Eukiefferiella claripennis-Gr.</i>	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Eukiefferiella devonica-Gr.</i>	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Eukiefferiella gracei-Gr.</i>	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Eukiefferiella gracei-Gr.</i>	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Eukiefferiella sp.</i>	THIENEMANN, 1926	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Forcipomyiinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Harnischia acuta</i>	(GOETGHEBUER, 1936)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Heleinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	0	0	0	0	0	0
DIP	<i>Hemerodromia sp.</i>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Hexatoma sp.</i>		0	7	0	0	0	0	0	0	0	0	3	0	2	2	0	0	0	0	0	0	0
DIP	<i>Hexatoma sp.</i>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Horaia sp.</i>		0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	<i>Limnophora sp.</i>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Limnophyes sp.	EATON, 1875	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Limoniidae "one appendix"		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Limoniidae Gen. sp.		16	0	5	1	1	12	0	0	1	0	0	43	0	0	2	0	0	0	0	1	1

Taxa group	Taxon	Author	N02M0013	N02M0011	H02WA013	H02WA011	I02NA013	I02NA051	H02WM013	H02WM011	H02AN013	H02AN011	I02NI013	I02NI151	I02NI023	I02NI111	H02WN013	H02WN011	N02OR023	N02OR021	N02OR013	N02OR011	N02PA013	N02PA011	N02PA023	N02PA021	H02PP013	H02PP011	N02PH033
COL	Hydrovatus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Hydrovatus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Hygrobiidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Hyphoporus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Indosolus sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Indosolus sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0
COL	Laccobius sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Laccophilus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Lampyridae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Leptelmis sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Leptelmis sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Leptelmis sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Limnebius sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Neohydrocoptus bivittis	(MOTSCHULSKY, 1859)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Neohydrocoptus subvittulus	(MOTSCHULSKY, 1859)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Noteridae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
COL	Noteridae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Orectochilus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0
COL	Pelthydrus sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Psephenidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Psephenoides sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Psephenoidinae Gen. sp.		0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	24	0	0	0	0	0	0	0	1	0	3	0
COL	Psephenoidinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Regimbartia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Regimbartia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Riolus sp.	-	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Scirtidae Gen. sp.		0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	1	2	1	6	0	0	0	0	0	0	0
COL	Scirtidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Scirtidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Sphaerius sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Staphylinidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Stenelmis sp.		0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Stenelmis sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Stenelmis sp.		0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Zaitzeviaria sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRU	Atyidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRU	Caridina sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRU	Barythelphusa lugubris	(Wood-Mason, 1871)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRU	Cymothoidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRU	Eulimnadia sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRU	Gangemysis assimilis	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRU	Himalayapotamon atkinsonianum	(Wood-Mason, 1871)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0

Taxa group	Taxon	Author	N02M0013	N02M0011	H02WA013	H02WA011	I02NA013	I02NA051	H02WM013	H02WM011	H02AN013	H02AN011	I02NI013	I02NI151	I02NI023	I02NI111	H02WN013	H02WN011	N02OR023	N02OR021	N02OR013	N02OR011	N02PA013	N02PA011	N02PA023	N02PA021	H02PP013	H02PP011	N02PH033
HET	<i>Pseudovelgia</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	<i>Ranatra</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Ranatrinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	<i>Rhagovelia sumatrensis</i>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	<i>Sigara</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	<i>Synaponecta</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Veliidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HIR	<i>Alboglossiphonia weberi</i>	BLANCHARD, 1897	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HIR	<i>Alboglossiphonia weberi</i>	BLANCHARD, 1897	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	5	0	0	0	0	0	0	0	0
HIR	<i>Barbronia nepalensis</i> ssp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HIR	<i>Barbronia weberi</i>	BLANCHARD, 1897	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HIR	<i>Barbronia weberi</i>	BLANCHARD, 1897	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
HIR	Glossiphoniidae Gen. sp.		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42	0	0	0	0	0	0	0	0	0
HIR	<i>Haemadipsa zeylancia montevidicis</i>	MOORE, 1927	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HIR	<i>Hemiclepsis marginata asiatica</i>	MOORE, 1924	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HIR	<i>Hirudinaria manillensis</i>	LESSON, 1842	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HIR	Hirudinidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HIR	<i>Placobdelloides fulvus</i>	HARDING, 1924	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HIR	<i>Salifa lateroculata</i>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HIR	<i>Salifa lateroculata</i>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0
HIR	Salifidae Gen. sp.		135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0
HYD	Hydrachnidia Gen. sp.		0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEP	Lepidoptera Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
LEP	Pyralidae Gen. sp.		1	0	1	0	0	2	27	1	0	0	0	0	0	0	0	0	0	129	3	0	2	0	0	0	0	0	0
LEP	Pyralidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEG	Corydalidae Gen. sp.		3	0	4	1	0	10	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	1	0	0
NEM	Mermithidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NEM	Nematoda Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ODO	Aeshnidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ODO	Amphipterygidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ODO	Calopterygidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
ODO	Chlorocyphidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ODO	Coenagrionidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ODO	Coenagrionidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ODO	Coenagrioninae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
ODO	Cordulegasteridae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ODO	Cordulegasteridae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ODO	Corduliidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	1	0	0	0	0	0	0	0	0
ODO	<i>Epiophlebia</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ODO	Epiophlebiidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ODO	Euphaeidae Gen. sp.		0	0	1	0	0	4	1	0	0	0	0	0	0	0	5	1	0	0	0	0	9	0	0	0	0	0	0
ODO	Gomphidae Gen. sp.		4	1	2	6	1	0	18	0	0	1	0	0	0	1	0	13	16	0	4	1	11	3	0	2	0	0	

Taxa group	Taxon	Author	N02M0013	N02M0011	H02WA013	H02WA011	I02NA013	I02NA051	H02WM013	H02WM011	H02AN013	H02AN011	I02NI013	I02NI151	I02NI023	I02NI111	H02WN013	H02WN011	N02OR023	N02OR021	N02OR013	N02OR011	N02PA013	N02PA011	N02PA023	N02PA021	H02PP013	H02PP011	N02PH033	
PLE	Phanoperla sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	
PLE	Phanoperla sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PLE	Plecoptera Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
PLE	Sphaeronemoura sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PLE	Togoperla sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PLE	Tyloperla sp.		0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
POL	Nephthys oligobranchia	SOUTHERN, 1921	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TRI	Abacaria sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TRI	Agapetinae Gen. sp.		0	0	0	0	0	0	0	0	0	22	0	0	0	1	1	0	0	0	0	0	3	0	0	1	0	0	0	
TRI	Agapetus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	
TRI	Amphipsyche sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TRI	Anisocentropus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	
TRI	Apatania sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TRI	Apataniidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TRI	Apsilochorema sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TRI	Arctopsyche sp.		12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	
TRI	Arctopsychinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
TRI	Brachycentridae Gen. sp.		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TRI	Brachycentrus sp.		6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TRI	Brachycentrus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TRI	Brachycentrus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TRI	Calamoceratidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
TRI	Ceraclea sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TRI	Cheumatopsyche sp.		0	0	4	0	63	3	51	0	0	0	0	0	0	3	0	17	35	0	0	0	1	0	0	0	0	0	0	18
TRI	Chimarra sp.		0	0	2	0	4	0	43	0	0	0	0	0	0	0	24	0	0	0	0	22	0	0	0	0	0	0	0	
TRI	Diplectrona salai	NAVAS, 1932	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TRI	Diplectrona sp.		0	0	0	0	0	0	0	0	2	8	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	
TRI	Diplectroninae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TRI	Dipseudopsidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TRI	Dolophilodes "kisaura"		0	0	1	0	0	0	15	0	0	0	0	0	0	0	23	0	0	0	0	0	0	0	0	0	0	0	0	
TRI	Dolophilodes sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
TRI	Ecnomidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TRI	Ecnomus sp.		0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	
TRI	Eubasilissa sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TRI	Glossosoma sp.		36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	0	6	0	0	0	0	
TRI	Glossosomatidae Gen. sp.		0	0	1	0	0	0	0	0	0	0	0	0	0	0	8	1	0	0	0	0	0	0	0	0	0	0	0	
TRI	Glossosomatidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TRI	Glossosomatinae Gen. sp.	-	0	2	0	0	0	0	11	0	0	0	0	0	0	0	49	0	0	0	0	0	0	0	0	1	0	0		
TRI	Glossosomatinae Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TRI	Goera sp.		0	0	0	0	14	29	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TRI	Goera sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TRI	Goeridae Gen. sp.		0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	

Taxa group	Taxon	Author	N02M0013	N02M0011	H02WA013	H02WA011	I02NA013	I02NA051	H02WM013	H02WM011	H02AN013	H02AN011	I02NI013	I02NI151	I02NI023	I02NI111	H02WN013	H02WN011	N02OR023	N02OR021	N02OR013	N02OR011	N02PA013	N02PA011	N02PA023	N02PA021	H02PP013	H02PP011	N02PH033
TRI	Neophylax sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Odontoceridae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Odontoceridae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Oecetis sp.		0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Orthotrichia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Paduniella sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Paduniella sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Paraphlegopteryx sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Parapsyche sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Philopotamidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	0	0
TRI	Philopotamidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Plectrocnemia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Polycentropodidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Polycentropus sp.		0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Polypsectropus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Pseudoleptonema sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
TRI	Pseudoneureclipsis sp.		0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Pseudostenophylax sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Psilotreta sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Psychomyia sp.		0	0	0	0	0	1	1	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0	0	0	0
TRI	Psychomyia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Psychomyiidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Psychomyiidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Rhyacophila "chela"		0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Rhyacophila "pennato"		0	0	0	0	0	0	0	0	1	0	3	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0
TRI	Rhyacophila "strong forelegs"		0	0	0	3	0	0	0	1	0	3	0	0	0	0	4	0	0	0	0	0	1	0	0	0	0	0	0
TRI	Rhyacophila sp.		0	0	0	1	0	1	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	0	0	0	0
TRI	Rhyacophilidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Rhyacophilidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Sericostomatidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Setodes sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Setodini Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Stactobia sp.		0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Stactobiini Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Stenopsyche sp.		0	0	26	1	4	18	3	0	0	0	0	0	0	0	28	36	0	0	0	0	16	0	6	0	0	0	0
TRI	Triaenodes sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Trichoptera Gen. sp.		0	0	0	1	0	0	1	0	0	0	0	0	0	0	3	6	0	0	0	0	0	0	0	0	0	0	0
TRI	Uenoa sp.		6	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	15	0	7	0	0	0	0
TRI	Ugandatrichia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Wormaldia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Xiphocentronidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Zephyropsyche sp.		0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0

Taxa group	Taxon	Author	N02PH031	N02PH023	N02PH021	N02PH013	N02PH011	N02PU013	N02PU011	I02P1013	I02P1081	I02RA013	I02RA071	I02SA023	I02SA141	I02SA033	I02SA121	I02SA013	I02SA161	P02SO291	P02SO321	P02SO241	P02SO181	P02SO261	P02SO211	P02SO173	P02SO171	P02SO191	I02SU013	
HET	Pseudovelvia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HET	Ranatra sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HET	Ranatrinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HET	Rhagovelia sumatrensis		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HET	Sigara sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HET	Synaponecta sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HET	Veliidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HIR	Alboglossiphonia weberi	BLANCHARD, 1897	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	
HIR	Alboglossiphonia weberi	BLANCHARD, 1897	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HIR	Barbronia nepalensis ssp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HIR	Barbronia weberi	BLANCHARD, 1897	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	
HIR	Barbronia weberi	BLANCHARD, 1897	154	0	52	0	24	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HIR	Glossiphoniidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HIR	Haemadipsa zeylancia montevindicis	MOORE, 1927	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HIR	Hemiclepsis marginata asiatica	MOORE, 1924	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HIR	Hirudinaria manillensis	LESSON, 1842	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HIR	Hirudinidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HIR	Placobdelloides fulvus	HARDING, 1924	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HIR	Salifa lateroculata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HIR	Salifa lateroculata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HIR	Salifidae Gen. sp.		0	0	0	193	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HYD	Hydrachnidia Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LEP	Lepidoptera Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LEP	Pyralidae Gen. sp.		0	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LEP	Pyralidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	
MEG	Corydalidae Gen. sp.		0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	
NEM	Mermithidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NEM	Nematoda Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ODO	Aeshnidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ODO	Amphipterygidae Gen. sp.		0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ODO	Calopterygidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ODO	Chlorocyphidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	
ODO	Coenagrionidae Gen. sp.		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	
ODO	Coenagrionidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ODO	Coenagrioninae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ODO	Cordulegasteridae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ODO	Cordulegasteridae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ODO	Corduliidae Gen. sp.		6	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ODO	Epiophlebia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ODO	Epiophlebiidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ODO	Euphaeidae Gen. sp.		0	0	0	0	0	10	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ODO	Gomphidae Gen. sp.		0	0	0	0	0	28	11	0	0	0	18	0	0	0	13	0	0	0	0	3	0	0	0	0	0	9	0	

Taxa group	Taxon	Author	I02SU11	H02L.T013	H02L.T011	H02TT013	H02TT011	N02YA023	N02YA021	N02YA013	N02YA011	N01BG021	N01BG013	N01BG011	B01BA014	B01BA021	B01BR014	B01BR021	N01BA031	N01BA013	N01BA011	N01BA023
HET	Pseudovelia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
HET	Ranatra sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
HET	Ranatrinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Rhagovelia sumatrensis		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Sigara sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Synaponecta sp.		0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
HET	Veliidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
HIR	Alboglossiphonia weberi	BLANCHARD, 1897	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HIR	Alboglossiphonia weberi	BLANCHARD, 1897	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HIR	Barbronia nepalensis ssp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HIR	Barbronia weberi	BLANCHARD, 1897	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HIR	Barbronia weberi	BLANCHARD, 1897	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0
HIR	Glossiphoniidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HIR	Haemadipsa zeylancia montevindicis	MOORE, 1927	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HIR	Hemicleipsis marginata asiatica	MOORE, 1924	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HIR	Hirudinaria manillensis	LESSON, 1842	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0
HIR	Hirudinidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
HIR	Piacobdelloides fulvus	HARDING, 1924	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0
HIR	Salifa lateroculata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HIR	Salifa lateroculata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2
HIR	Salifidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HYD	Hydrachnidia Gen. sp.		0	0	0	3	0	0	0	0	0	2	0	1	0	0	0	0	0	13	0	0
LEP	Lepidoptera Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEP	Pyralidae Gen. sp.		0	1	1	0	0	10	3	0	0	0	0	0	0	0	0	1	0	9	7	11
LEP	Pyralidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEG	Corydalidae Gen. sp.		0	0	8	1	2	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0
NEM	Mermithidae Gen. sp.		0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NEM	Nematoda Gen. sp.		0	0	0	0	0	0	0	0	0	4	0	21	0	0	0	0	0	0	0	0
ODO	Aeshnidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
ODO	Amphipterygidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ODO	Calopterygidae Gen. sp.		0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0
ODO	Chlorocyphidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ODO	Coenagrionidae Gen. sp.		0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	0	0	0	18	0
ODO	Coenagrionidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ODO	Coenagrioninae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ODO	Cordulegasteridae Gen. sp.		0	0	0	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
ODO	Cordulegasteridae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ODO	Corduliidae Gen. sp.		0	0	0	0	0	0	0	0	0	4	0	40	0	0	0	0	0	0	0	0
ODO	Epiophlebia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ODO	Epiophlebiidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ODO	Euphaeidae Gen. sp.		3	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ODO	Gomphidae Gen. sp.		6	1	4	4	0	11	3	2	6	0	0	0	0	0	0	0	5	0	0	0

Taxa Group	Taxon	Author	N01BA021	B01BH014	B01BH021	B01BO014	B01BO021	B01BQ014	B01BQ021	B01BP014	B01BP021	B01YB014	B01YB021	B01XB014	B01XB021	B01BS014	B01BS021	B01BB014	B01BB021	B01BX014	B01BX021	B01BZ014	B01BZ021	B01BG014
BIV	Amblemidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	<i>Corbicula assamensis</i>	PRASHAD, 1928	0	0	1	0	0	0	0	0	0	1	0	13	0	1	1	0	0	0	0	0	0	0
BIV	<i>Corbicula bensoni</i>	DESHAYES, 1854	0	0	3	0	0	0	0	0	0	0	0	0	6	9	0	0	0	0	0	0	0	0
BIV	<i>Corbicula cashmiriensis</i>	DESHAYES, 1854	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	<i>Corbicula</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	<i>Corbicula striatella</i>	DESHAYES, 1854	0	50	0	0	0	0	0	4	0	2	0	40	0	11	2	1	0	0	0	0	0	0
BIV	<i>Lamellidens consobrinus</i>	LEA, 1859	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	<i>Lamellidens corrianus</i>	LEA, 1834	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	<i>Lamellidens marginalis</i>	LAMARCK, 1819	0	7	0	0	0	0	0	0	0	1	0	1	0	3	0	0	0	0	0	0	0	0
BIV	<i>Lamellidens narainporensis</i>	PRESTON, 1912	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	<i>Lamellidens</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	<i>Lamellidens</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	<i>Parreysia corrugata</i> ssp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	<i>Parreysia favidens chrysis</i>	BENSON, 1862	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	<i>Parreysia favidens favidens</i>	BENSON, 1862	0	1	0	0	0	0	0	0	0	0	0	7	0	1	0	0	0	0	0	0	0	0
BIV	<i>Parreysia favidens pinax</i>	BENSON, 1862	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	<i>Parreysia favidens</i> ssp.	BENSON, 1862	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
BIV	<i>Parreysia</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	<i>Parreysia</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	<i>Parreysia viridula</i>	BENSON, 1862	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	<i>Pisidium (Afropisidium) clarkeanum dhulikhelensis</i>	NESEMANN & SHARMA, 2005	10	5	5	0	0	0	0	0	0	6	0	32	10	14	0	2	1	0	0	0	0	0
BIV	<i>Pisidium (Afropisidium) nevillianum</i>	THEOBALD, 1876	0	1	55	0	0	0	0	0	0	2	0	2	24	0	1	0	0	0	0	0	0	0
BIV	<i>Pisidium</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	<i>Radiatula favidens</i>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	<i>Radiatula favidens pinax</i>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	<i>Radiatula bonneaudi</i>	EYDOUX, 1838	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	<i>Radiatula caerulea</i>	LEA, 1831	0	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0
BIV	<i>Radiatula gaudichaudi</i>	EYDOUX, 1838	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	<i>Radiatula lima</i>	SIMPSON, 1900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	<i>Radiatula occata</i>	LEA, 1860	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	<i>Radiatula shurtleffiana</i>	LEA, 1856	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	<i>Radiatula</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIV	<i>Radiatula</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	<i>Amphiops</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
COL	<i>Amphiops</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
COL	<i>Berosus</i> sp.		0	0	0	0	0	0	0	0	0	2	0	0	4	0	0	0	0	13	2	0	0	0
COL	<i>Berosus</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0
COL	<i>Bidessini</i> Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
COL	<i>Canthydrus</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
COL	<i>Canthydrus</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0

Taxa Group	Taxon	Author	N01BA021	B01BH014	B01BH021	B01BO014	B01BO021	B01BQ014	B01BQ021	B01BP014	B01BP021	B01YB014	B01YB021	B01XB014	B01XB021	B01BS014	B01BS021	B01BB014	B01BB021	B01BX014	B01BX021	B01BZ014	B01BZ021	B01BG014
EPH	Notacanthurus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Notacanthurus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Procloeon sp.	-	0	0	2	0	5	0	1	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0
EPH	Prosopistoma sp.	-	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Pseudocentroptiloides sp.		0	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
EPH	Rhithrogena sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Serratella sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Torleya sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Uracanthella sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	Bellamyia (Filopaludina) bengalensis	LAMARCK, 1822	16	0	0	0	0	0	0	0	0	3	9	2	0	0	0	0	3	0	0	0	0	0
GAS	Bellamyia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	Bithyniidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0
GAS	Brotia costula	RAFINSQUE, 1833	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	Brotia costula	RAFINSQUE, 1833	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0
GAS	Brotia costula	RAFINSQUE, 1833	0	0	10	0	0	0	6	0	0	6	0	30	3	1	0	0	0	0	1	0	0	0
GAS	Digoniostoma cerameopoma	BENSON, 1830	0	0	1	0	0	0	0	0	0	73	0	22	0	0	0	0	6	2	0	0	0	0
GAS	Digoniostoma pulchella	BENSON, 1836	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	Galba truncatula	O. F. MULLER, 1774	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	Gyraulus convexiusculus	HUTTON, 1849	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
GAS	Gyraulus euphraticus	MOUSSON, 1874	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	Gyraulus labiatus	BENSON, 1850	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	Gyraulus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	Idiopoma dissimilis	O.F. MULLER, 1774	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	Indoplanorbis exustus	DESHAYES, 1834	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	Lymnaea acuminata	LAMARCK, 1822	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
GAS	Lymnaeidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	Mekongia crassa	BENSON, 1836	0	0	0	0	0	0	0	0	0	35	0	28	0	0	0	0	0	0	0	0	0	0
GAS	Melanoides pyramis	HUTTON, 1850	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	Melanoides tuberculatus	O. F. MULLER, 1774	11	1	0	0	1	0	0	0	0	41	2	55	11	0	0	0	6	0	0	0	0	0
GAS	Paludomus conica	GRAY, 1834	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	Physa (Haitia) mexicana	PHILLIPI, 1889	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	Physidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	Pila globosa	(SWAINSON, 1822)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0
GAS	Planorbidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	Quickia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	Radix luteola	LAMARCK, 1822	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	Radix ovalis	GRAY, 1822	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	Radix ovalis	GRAY, 1822	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	Radix persica	ISSEL, 1865	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	Segmentina calatha	BENSON, 1850	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0

Taxa Group	Taxon	Author	N01CH013	N01CH011	N01CH023	N01CH021	N01TR011	B01GH014	B01CH021	N01DO011	B01FO014	B01FO021	B01GA014	B01GA021	N01JH033	N01JH031	N01JH011	N01JH023	N01JH021	B01JA014	B01JA021	B01JB014	B01JB021
COL	Chrysomelidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Coleoptera Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Colymbetinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Colymbetinae Gen. sp.		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Curculionidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Curculionidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
COL	Dineutus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Dineutus spinosus nepalensis	OCHS, 1929	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Dineutus spinosus nepalensis	OCHS, 1929	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Dryopidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Dryops sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Dytiscidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Dytiscidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
COL	Dytiscidae Gen. sp.		0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	1	0	0
COL	Elmidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Elmidae Gen. sp.		0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
COL	Enochrus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Enochrus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
COL	Eubriinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Eubriinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Grouvellinus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Grouvellinus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Haliplidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Helochares sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Helochares sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Hydraena sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Hydraena sp.		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Hydrochara sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Hydrophilidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Hydrophilidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Hydrophilidae Gen. sp.		0	0	0	2	0	0	3	71	0	0	0	2	0	0	0	0	0	1	0	20	0
COL	Hydroporinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
COL	Hydrovatus sp.		0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0
COL	Hygrobiidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Hyphoporus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
COL	Laccophilus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Lampyridae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Hydrovatus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0

Taxa Group	Taxon	Author	N01KA013	N01KA011	B01KC014	B01KC021	B01KB014	B01KB021	B01KA014	B01KA021	B01KX014	B01KX021	B01KY014	B01KY021	N01LB011	N01LA021	N01LA013	N01LA011	B01LO014	B01LO021	B01LP014	B01LP021
DIP	Athericidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Blephariceridae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Ceratopogonidae Gen. sp.		0	0	43	2	3	6	0	7	96	42	20	29	0	0	0	0	2	5	372	3
DIP	Chironomidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Chironomidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
DIP	Chironominae Gen. sp.	-	0	0	0	7	0	1	0	45	0	6	0	5	2	0	0	0	0	56	0	0
DIP	Chironomini Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Chironomini Gen. sp.		200	30	70	40	96	0	28	0	64	0	560	0	0	701	190	0	349	4	1329	0
DIP	Culicidae Gen. sp.		0	1	0	0	0	0	80	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Culicinae Gen. sp.		0	0	0	1	0	0	0	0	0	0	38	0	0	0	0	0	0	1	10	0
DIP	Dasyheleinae Gen. sp.		3	0	0	0	0	0	0	0	0	0	0	0	0	0	560	0	0	0	0	0
DIP	Diamesa aberrata	LUNDBECK, 1889	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Diamesinae Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Diamesini Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Dicranota sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Diptera Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Dolichopodidae "type Pakistan"		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Dolichopodidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Empididae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Ephydriidae Gen. sp.		0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	37
DIP	Hexatoma sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Limoniidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0
DIP	Limoniinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Lispe sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Muscidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Orthoclaadiinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Orthoclaadiinae Gen. sp.		0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	9	0	0	0
DIP	Pediciidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Pediciinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Pericomini Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Psychoda sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Psychodidae Gen. sp.		0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Sciaridae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Sciomyzidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	1	0	0	0	0
DIP	Simuliidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Stratiomyiidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Tabanidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	2	0	5	7	0	1	0	0
DIP	Tanypodinae Gen. sp.	-	0	4	62	11	4	8	0	0	64	36	280	18	0	125	1	0	1	2	179	0
DIP	Tanypodini Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Tanytarsini Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP	Syrphidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	14	0	0	0	0	0	1

Taxa Group	Taxon	Author	B01ME014	B01ME021	B01TJ014	B01TJ021	B01TV014	B01TV021	B01PU014	B01PU021	B01RA014	B01RA021	N01SO013	N01SO011	B01SA014	B01SA021	B01TA014	B01TA021	B01TC014	B01TC021	B01TU014	B01TU021	I05AS013	I05AS041
COL	Chrysomelidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Coleoptera Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Colymbetinae Gen. sp.		0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0
COL	Colymbetinae Gen. sp.		0	0	0	0	0	2	0	0	0	3	0	0	0	0	0	5	0	0	0	0	0	0
COL	Curculionidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Curculionidae Gen. sp.		0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	30	0	0	0	0
COL	Dineutus sp.		6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Dineutus spinosus nepalensis	OCHS, 1929	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Dineutus spinosus nepalensis	OCHS, 1929	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Dryopidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0
COL	Dryops sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0
COL	Dytiscidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Dytiscidae Gen. sp.		0	0	0	0	0	6	0	1	0	0	0	0	0	0	0	0	0	3	0	0	0	0
COL	Dytiscidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
COL	Elmidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Elmidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33
COL	Enochrus sp.		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Enochrus sp.		0	0	1	0	0	0	0	0	16	0	0	0	0	0	0	0	3	0	0	0	0	0
COL	Eubriinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Eubriinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Grouvellinus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Grouvellinus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21
COL	Haliplidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Helochares sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Helochares sp.		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Hydraena sp.		0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
COL	Hydraena sp.		1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Hydrochara sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Hydrophilidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Hydrophilidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
COL	Hydrophilidae Gen. sp.		0	0	0	0	0	3	0	0	0	4	1	0	0	0	0	0	0	0	0	0	3	0
COL	Hydroporinae Gen. sp.		0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Hydrovatus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Hygrobiidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Hyphoporus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Laccophilus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Lampyridae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COL	Hydrovatus sp.		2	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	17	0	0	0	0	0

Taxa Group	Taxon	Author	B01ME014	B01ME021	B01TJ014	B01TJ021	B01TV014	B01TV021	B01PU014	B01PU021	B01RA014	B01RA021	N01SO013	N01SO011	B01SA014	B01SA021	B01TA014	B01TA021	B01TC014	B01TC021	B01TU014	B01TU021	I05AS013	I05AS041
HIR	Glossiphoniidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0
HIR	Haemadpsidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HIR	Placobdelloides fulvus	HARDING, 1924	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0
HIR	Salifa lateroculata		0	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0
HYD	Hydrachnidia Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0
LEP	Pyralidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1	0	0	2	2
MEG	Corydalidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NEM	Nematoda Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
ODO	Calopterygidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
ODO	Coenagrionidae Gen. sp.		3	0	0	0	3	2	0	0	1	0	0	1	0	0	0	0	26	0	0	0	0	0
ODO	Cordulegasteridae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ODO	Corduliidae Gen. sp.		0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ODO	Euphaeidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ODO	Gomphidae Gen. sp.		1	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	1	0	0	0	6	26
ODO	Lestidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	0
ODO	Libellaaginae sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ODO	Libellulidae Gen. sp.		1	0	20	0	5	1	11	0	0	0	0	0	0	0	0	0	20	0	0	0	46	3
ODO	Macromiidae Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ODO	Odonata Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ODO	Platycnemidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
ODO	Platystictidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ODO	Protoneuridae Gen. sp.		0	0	3	0	3	0	1	1	3	0	1	0	0	0	1	0	52	0	0	0	0	0
ODO	Protoneurinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ODO	Synlestidae Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ODO	Zygoptera Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ODO	Zygoptera Gen. sp.	-	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLI	Allonais sp.		0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLI	Aulodrilus pigueti	KOWALWSKI, 1914	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLI	Aulodrilus plurisetata	PIGUET, 1906	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLI	Aulodrilus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLI	Aulophorus flabelliger	Stephenson, 1931	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLI	Aulophorus furcatus	(O.F. MULLER, 1773)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLI	Aulophorus michaelseni	Stephenson, 1923	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLI	Branchiodrilus sempri	BOURNE, 1890	0	0	2	100	0	18	0	0	16	0	9	0	0	0	0	0	0	0	0	0	0	0
OLI	Branchiura sowerbyi	BEDDARD, 1892	2	0	1	1	0	14	0	0	0	0	0	1	0	0	2	0	0	0	3	0	0	0
OLI	Branchiura sp.		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
OLI	Dero dorsalis	FERRONIERE, 1899	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLI	Dero sawayai	MARCUS, 1943	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLI	Glyphidrilus gangeticus	GATES, 1958	7	0	0	0	0	0	0	0	0	0	31	4	0	0	0	0	0	0	0	0	0	0
OLI	Limnodrilus claparedeanus	RATZEL, 1868	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLI	Limnodrilus hoffmeisteri	CLAPAREDE, 1862	0	0	9	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0

Taxa Group	Taxon	Author	I05BE013	I05BE041	I05DP011	I05DE013	I05DE021	I05KH013	I05KH081	I05KH023	I05KH061	I05KH033	I05KH071	I05KO031	I05KO013	I05KO021	I05MA013	I05MA021	I05FA013	I05FA021	I05FY011	I05SO013	I05SO061	I05SO023	
DIP	Tanytarsini Gen. sp.		0	2	0	0	0	0	0	76	0	0	0	0	0	0	0	0	10	5	0	9	24	17	
DIP	Tipulidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DIP	Tipulinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EPH	Acentrella sp.	-	0	1	0	0	0	0	0	0	0	0	0	78	0	0	0	0	0	0	0	0	1	4	0
EPH	Afronurus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Anagenesia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Baetidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Baetidae Gen. sp.		0	1	5	0	0	0	0	0	0	0	1	66	0	0	0	0	0	0	0	0	15	1	5
EPH	Baetiella sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Baetis sp.		334	806	2	9	0	0	0	0	0	0	0	429	0	5	0	0	0	0	0	0	22	52	8
EPH	Brachycercus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Caenidae Gen. sp.		0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Caenis sp.		1	3	11	0	0	0	0	0	2	0	0	84	0	0	0	0	0	0	3	38	2	18	10
EPH	Centroptilum sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Choroterpes (Choroterpes) sp.	-	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0
EPH	Choroterpes (Euthraulus) sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
EPH	Choroterpes sp.		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	138	0	0	0
EPH	Choroterpides sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0
EPH	Cincticostella sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Cinygmina sp.		6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	0
EPH	Cloeon sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Cloeoninae Gen. sp.	-	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Crinitella sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Drunella sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Ecdyonurus s.l.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Ecdyonurus s.l.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
EPH	Ecdyonurus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Epeorus "type bispinosus"		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Epeorus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Ephacarella sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0
EPH	Ephemera sp.		0	8	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0
EPH	Ephemerella sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Ephemerellidae Gen. sp.		0	4	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0	2	0
EPH	Ephemeroptera Gen. sp.		0	0	1	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
EPH	Euthraulus sp.		0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Heptagenia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Heptageniidae Gen. sp.		4	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	5	8
EPH	Iron sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Leptophlebiidae Gen. sp.		9	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	140	2	1	2
EPH	Nigrobaetis sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Heptageniidae Gen. sp.		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	32	0

Taxa Group	Taxon	Author	I05BE013	I05BE041	I05DP011	I05DE013	I05DE021	I05KH013	I05KH081	I05KH023	I05KH061	I05KH033	I05KH071	I05KO031	I05KO013	I05KO021	I05MA013	I05MA021	I05FA013	I05FA021	I05FY011	I05SO013	I05SO061	I05SO023	
GAS	Segmentina trochoidea	BENSON, 1836	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GAS	Stenothyra ornata	PRASHAD, 1921	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GAS	Thiara granifera	LAMARCK, 1822	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GAS	Thiara lineata	GRAY, 1828	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GAS	Thiara scabra	O. F. MULLER, 1774	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GAS	Thiara sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GAS	Thiaridae Gen. sp.		1951	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	1
GAS	Viviparidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Anisops sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Aphelocheiridae Gen. sp.		0	17	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	3	0
HET	Aphelocheirus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
HET	Aquarius sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Belostomatidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Corixidae Gen. sp.		3	0	0	2	0	0	0	2	0	0	0	22	0	0	0	0	0	0	0	0	0	0	0
HET	Diplonychus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Gerridae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Gerris nepalensis	DISTANT, 1910	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Hebridae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Laccotrephes griseus		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Laccotrephes sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Limnogonus nitidus		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Mesoveliidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Micronecta sp.		0	43	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Naboandelus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Naucoridae Gen. sp.		0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Neogerris parvulus	STÅL, 1860	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Nepidae Gen. sp.		0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
HET	Nepinae Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Notonectidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Nychia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Paraplea sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Pleidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Ranatra sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Ranatrinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Rhagovelia sumatrensis		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Sigara sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Synaponecta sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Veliidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HIR	Alboglossiphonia weberi	BLANCHARD, 1897	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HIR	Asiaticobdella birmanica ssp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HIR	Barbronia weberi	BLANCHARD, 1897	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0

Taxa Group	Taxon	Author	I05BE013	I05BE041	I05DP011	I05DE013	I05DE021	I05KH013	I05KH081	I05KH023	I05KH061	I05KH033	I05KH071	I05KO031	I05KO013	I05KO021	I05MA013	I05MA021	I05FA013	I05FA021	I05FY011	I05SO013	I05SO061	I05SO023	
HIR	Glossiphoniidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HIR	Haemadpsidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HIR	Placobdelloides fulvus	HARDING, 1924	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HIR	Salifa lateroculata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HYD	Hydrachnidia Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LEP	Pyralidae Gen. sp.		8	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	10	
MEG	Corydalidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NEM	Nematoda Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ODO	Calopterygidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ODO	Coenagrionidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ODO	Cordulegasteridae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ODO	Corduliidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ODO	Euphaeidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
ODO	Gomphidae Gen. sp.		76	37	8	0	0	0	1	0	0	0	0	3	0	0	0	0	0	0	0	11	1	0	3
ODO	Lestidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ODO	Libellaaginae sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ODO	Libellulidae Gen. sp.		1	7	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	1	0	0	0	
ODO	Macromiidae Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ODO	Odonata Gen. sp.		0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	
ODO	Platycnemidae Gen. sp.		0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ODO	Platystictidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0	
ODO	Protoneuridae Gen. sp.		0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	12	0	0	0	
ODO	Protoneurinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
ODO	Synlestidae Gen. sp.	-	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ODO	Zygoptera Gen. sp.	-	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ODO	Zygoptera Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OLI	Allonais sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OLI	Aulodrilus pigueti	KOWALWSKI, 1914	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OLI	Aulodrilus plurisetata	PIGUET, 1906	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OLI	Aulodrilus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OLI	Aulophorus flabelliger	Stephenson, 1931	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OLI	Aulophorus furcatus	(O.F. MULLER, 1773)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OLI	Aulophorus michaelleseni	Stephenson, 1923	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OLI	Branchiodrilus sempri	BOURNE, 1890	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OLI	Branchiura sowerbyi	BEDDARD, 1892	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OLI	Branchiura sp.		0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	
OLI	Dero dorsalis	FERRONIERE, 1899	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OLI	Dero sawayai	MARCUS, 1943	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OLI	Glyphidrilus gangeticus	GATES, 1958	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OLI	Limnodrilus claparedeanus	RATZEL, 1868	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OLI	Limnodrilus hoffmeisteri	CLAPAREDE, 1862	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	0	0	0	0	0	0	0	

Taxa Group	Taxon	Author	P04KN133	P04KN131	P02KN143	P04KN141	P04KN043	P04KN041	P04KN113	P04KN111	P04KN013	P04KN011	P04KN103	P04KN101	P04KN093	P04KN091	P04KN123	P04KN121	P04NL213	P04NL203	P04NL201
DIP	Tanytarsini Gen. sp.		12	0	30	0	2	0	7	0	5	0	25	0	20	0	145	0	0	30	0
DIP	Tipulidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
DIP	Tipulinae Gen. sp.		0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
EPH	Acentrella sp.	-	37	0	10	3	18	0	60	0	66	1	15	0	300	0	23	0	0	0	0
EPH	Afronurus sp.		0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Anagenesia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Baetidae Gen. sp.		0	0	0	5	0	0	0	1	0	0	0	0	0	2	0	0	0	0	0
EPH	Baetidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Baetiella sp.		10	0	0	0	2	0	5	0	2	0	2	0	0	0	0	0	0	0	0
EPH	Baetis sp.		270	155	340	0	560	4	160	254	400	515	480	80	700	2	72	10	0	6	85
EPH	Brachycercus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Caenidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Caenis sp.		2	0	0	0	0	0	2	0	1	0	2	0	0	0	1	0	0	0	0
EPH	Centroptilum sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Choroterpes (Choroterpes) sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Choroterpes (Euthraulus) sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Choroterpes sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Choroterpides sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Cincticostella sp.		33	0	0	0	0	0	3	0	0	0	0	0	24	0	0	0	0	0	0
EPH	Cinygmia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Cloeon sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Cloeoninae Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Crinitella sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Drunella sp.	-	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Ecdyonurus s.l.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Ecdyonurus s.l.	-	2	0	0	0	2	0	0	0	9	0	1	0	0	0	0	0	0	0	0
EPH	Ecdyonurus sp.		0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Epeorus "type bispinosus"		0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Epeorus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Ephacerella sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Ephemera sp.		0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
EPH	Ephemerella sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0
EPH	Ephemerellidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Ephemeroptera Gen. sp.		0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0
EPH	Euthraulus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Heptagenia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Heptageniidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Iron sp.		0	0	2	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
EPH	Leptophlebiidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Nigrobaetis sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPH	Heptageniidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	5	0	1	0	0	0	0	0	0

Taxa Group	Taxon	Author	P04KN133	P04KN131	P02KN143	P04KN141	P04KN043	P04KN041	P04KN113	P04KN111	P04KN013	P04KN011	P04KN103	P04KN101	P04KN093	P04KN091	P04KN123	P04KN121	P04NL213	P04NL203	P04NL201
GAS	Segmentina trochoidea	BENSON, 1836	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	Stenothyra ornata	PRASHAD, 1921	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	Thiara granifera	LAMARCK, 1822	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	Thiara lineata	GRAY, 1828	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	Thiara scabra	O. F. MULLER, 1774	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	Thiara sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	Thiaridae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	Viviparidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Anisops sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Aphelocheiridae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Aphelocheirus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Aquarius sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Belostomatidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Corixidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Diplonychus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Gerridae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Gerris nepalensis	DISTANT, 1910	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Hebridae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Laccotrephes griseus		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Laccotrephes sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Limnogonus nitidus		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Mesoveliidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Micronecta sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Naboandelus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Naucoridae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Neogerris parvulus	STÅL, 1860	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Nepidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Nepinae Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Notonectidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Nychia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Paraplea sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Pleidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Ranatra sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Ranatrinae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Rhagovelia sumatrensis		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Sigara sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Synaponecta sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HET	Veliidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HIR	Alboglossiphonia weberi	BLANCHARD, 1897	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HIR	Asiaticobdella birmanica ssp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HIR	Barbronia weberi	BLANCHARD, 1897	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0

Taxa Group	Taxon	Author	P04KN133	P04KN131	P02KN143	P04KN141	P04KN043	P04KN041	P04KN113	P04KN111	P04KN013	P04KN011	P04KN103	P04KN101	P04KN093	P04KN091	P04KN123	P04KN121	P04NL213	P04NL203	P04NL201
OLI	Limnodrilus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLI	Lumbricidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLI	Megascolecidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLI	Megascolecidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLI	Microchaetidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLI	Microchaetidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLI	Naididae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLI	Nais sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLI	Oligochaeta Gen. sp.	-	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
OLI	Pristinella menoni	(Aiyer, 1929)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLI	Tubificidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLE	Amphinemura sp.	-	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
PLE	Chloroperlidae Gen. sp.		0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLE	Chloroperlidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
PLE	Indonemoura adunca	ZWICK & SIVEC, 1980	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0
PLE	Indonemoura sp.		0	0	1	44	2	2	0	0	0	0	0	0	7	0	0	0	0	0	0
PLE	Nemouridae Gen. sp.		0	0	0	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLE	Nemouridae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	33	0	0	0	0	0	0
PLE	Neoperla sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLE	Perlinae Gen. sp.	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLE	Perlinae Gen. sp.	-	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
PLE	Perlodidae Gen. sp.		0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POL	Namalycastis fauveli	RAO, 1981	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POL	Namalycastis indica	SOUTHERN, 1921	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POL	Nephthyidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POL	Nephthys oligobranchia	SOUTHERN, 1921	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Agapetinae Gen. sp.		0	0	0	0	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Anisocentropus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Apsilochorema sp.		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Brachycentridae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
TRI	Calamoceratidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Ceraclea sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Cheumatopsyche sp.		4	0	0	0	0	0	11	0	3	10	3	0	0	11	2	0	0	1	0
TRI	Chimarra sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Diplelectroninae Gen. sp.		0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Dipseudopsidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Dolophilodes sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Ecnomidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Ecnomus sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Glossosomatidae Gen. sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRI	Glossosomatidae Gen. sp.		0	0	0	0	0	0	0	0	2	0	14	0	0	0	44	0	0	0	0

