

ภาคผนวกที่ 2 สัตว์ไม่มีกระดูกสันหลังหน้าดินในแต่ละสถานี (ต่อ)

Site	Order	Family	Genus / Species	Rep1	Rep2	Rep3	total	Mean	Density
29	Diptera	Tipulidae	<i>Hexatoma</i> sp.	0	2	10	12	4.00	44.44
29	Diptera	Tipulidae	<i>Limnophila</i> sp.	0	0	1	1	0.33	3.70
29	Diptera	Tipulidae	<i>Pseudolimnophila</i> sp.1	0	0	5	5	1.67	18.52
29	Ephemeroptera	Caenidae	<i>Caenis</i> sp.	0	4	0	4	1.33	14.81
29	Ephemeroptera	Ephemeridae	<i>Ephemera</i> sp.	0	1	0	1	0.33	3.70
29	Hemiptera	Gerridae	<i>Ptilomera</i> sp.	2	0	0	2	0.67	7.41
29	Hemiptera	Veliidae	<i>Rhagovelia</i> sp.	1	0	0	1	0.33	3.70
29	Mesogastropoda	Thiaridae	<i>B. binadosa spiralis</i>	1	9	0	10	3.33	37.04
29	Mesogastropoda	Thiaridae	<i>T. granifera</i>	0	3	0	3	1.00	11.11
29	Trichoptera	Hydropsychidae	<i>Hydropsyche</i> sp.	0	5	0	5	1.67	18.52
29	Trichoptera	Psychomyiidae	<i>Psychomyia</i> sp.	0	31	0	31	10.33	111.11
29	Trichoptera	Xiphocentronidae	<i>Xiphocentron</i> sp.	0	8	0	8	2.67	29.63
30	Coleoptera	Elmidae	<i>Cleptelmis</i> sp.1	0	0	1	1	0.33	3.70
30	Coleoptera	Elmidae	<i>Neocyloopus</i> sp.	0	0	3	3	1.00	11.11
30	Coleoptera	Gyrinidae	<i>Gyretes</i> sp.	0	1	0	1	0.33	3.70
30	Diptera	Ceratopogonidae	<i>Bezzia</i> sp.	0	0	1	1	0.33	3.70
30	Diptera	Chironomidae	tribe Chironominae	10	5	6	21	7.00	77.78
30	Diptera	Tipulidae	<i>Hexatoma</i> sp.	0	6	3	9	3.00	33.33
30	Diptera	Tipulidae	<i>Limnophila</i> sp.	0	3	0	3	1.00	11.11
30	Diptera	Tipulidae	<i>Pseudolimnophila</i> sp.1	0	0	1	1	0.33	3.70
30	Ephemeroptera	Caenidae	<i>Caenis</i> sp.	2	1	0	3	1.00	11.11
30	Ephemeroptera	Ephemerellidae	<i>Ephemerella</i> sp.	0	1	0	1	0.33	3.70
30	Ephemeroptera	Ephemerellidae	<i>Serratella</i> sp.	1	0	0	1	0.33	3.70
30	Ephemeroptera	Ephemeridae	<i>Ephemera</i> sp.	0	0	2	2	0.67	7.41
30	Ephemeroptera	Heptageniidae	<i>Stenacron</i> sp.	1	0	0	1	0.33	3.70
30	Ephemeroptera	Leptophlebiidae	<i>Choroterpes</i> sp.	0	1	0	1	0.33	3.70

ภาคผนวกที่ 2 สัตว์ไม่มีกระดูกสันหลังหน้าดินในแต่ละสถานี (ต่อ)

Site	Order	Family	Genus / Species	Rep1	Rep2	Rep3	total	Mean	Density
30	Hemiptera	Gerridae	<i>Limnogonus</i> sp.	1	0	0	1	0.33	3.70
30	Hemiptera	Gerridae	<i>Ptilomera</i> sp.	0	1	0	1	0.33	3.70
30	Hemiptera	Veliidae	<i>Rhagovelia</i> sp.	0	2	0	2	0.67	7.41
30	Mesogastropoda	Thiaridae	<i>B. binadosa spiralis</i>	2	0	1	3	1.00	11.11
30	Mesogastropoda	Thiaridae	<i>T. granifera</i>	1	0	0	1	0.33	3.70
30	Mesogastropoda	Thiaridae	<i>Th. scabra</i>	0	0	1	1	0.33	3.70
30	Trichoptera	Hydropsychidae	<i>Hydropsyche</i> sp.	2	1	0	3	1.00	11.11
30	Trichoptera	Leptoceridae	<i>Leptocerus</i> sp.	1	0	0	1	0.33	3.70
31	Coleoptera	Elmidae	<i>Cleptelmis</i> sp.1	0	1	3	4	1.33	14.81
31	Coleoptera	Elmidae	<i>Neocylloepus</i> sp.	2	0	6	8	2.67	29.63
31	Diptera	Chironomidae	tribe <i>Chironominae</i>	4	3	2	9	3.00	33.33
31	Diptera	Tipulidae	<i>Hexatoma</i> sp.	3	3	3	9	3.00	33.33
31	Diptera	Tipulidae	<i>Limnophila</i> sp.	0	0	3	3	1.00	11.11
31	Hemiptera	Corixidae	<i>Micronecta</i> sp.	0	0	1	1	0.33	3.70
31	Mesogastropoda	Thiaridae	<i>B. binadosa spiralis</i>	2	0	3	5	1.67	18.52
31	Mesogastropoda	Thiaridae	<i>T. granifera</i>	5	1	25	31	10.33	114.81
31	Mesogastropoda	Thiaridae	<i>Th. scabra</i>	4	1	3	8	2.67	29.63
31	Odonata	Gomphidae	<i>Erpetogomphus</i> sp.	0	0	1	1	0.33	3.70
31	Odonata	Gomphidae	<i>Ophiogomphus</i> sp.	0	0	1	1	0.33	3.70
31	Trichoptera	Goeridae	<i>Goera</i> sp.	0	0	1	1	0.33	3.70
31	Trichoptera	Psychomyiidae	<i>Psychomyia</i> sp.	0	0	1	1	0.33	3.70
32	Diptera	Chironomidae	tribe <i>Chironominae</i>	1	5	2	8	2.67	29.63
32	Diptera	Tipulidae	<i>Hexatoma</i> sp.	1	2	1	4	1.33	14.81
32	Diptera	Tipulidae	<i>Limnophila</i> sp.	0	0	1	1	0.33	3.70
32	Diptera	Tipulidae	<i>Pseudolimnophila</i> sp.1	1	0	0	1	0.33	3.70
32	Ephemeroptera	Caenidae	<i>Caenis</i> sp.	1	0	0	1	0.33	3.70
32	Mesogastropoda	Thiaridae	<i>B. binadosa spiralis</i>	4	0	1	5	1.67	18.52

ภาคผนวกที่ 2 สัตว์ไม่มีกระดูกสันหลังหน้าดินในแต่ละสถานี (ต่อ)

Site	Order	Family	Genus / Species	Rep1	Rep2	Rep3	total	Mean	Density
32	Mesogastropoda	Thiaridae	<i>T. granifera</i>	2	1	2	5	1.67	18.52
32	Mesogastropoda	Thiaridae	<i>Th. scabra</i>	8	0	0	8	2.67	29.63
32	Trichoptera	Leptoceridae	<i>Leptocerus</i> sp.	0	1	0	1	0.33	3.70
32	Trichoptera	Psychomyiidae	<i>Psychomyia</i> sp.	2	0	0	2	0.67	7.41
32	Trichoptera	Xiphocentronidae	<i>Xiphocentron</i> sp.	3	0	0	3	1.00	11.11
33	Coleoptera	Elmidae	<i>Cleptelmis</i> sp.1	0	3	0	3	1.00	11.11
33	Coleoptera	Elmidae	<i>Cleptelmis</i> sp.2	1	0	0	1	0.33	3.70
33	Diptera	Chironomidae	tribe Chironominae	2	14	6	22	7.33	81.48
33	Diptera	Tipulidae	<i>Limnophila</i> sp.	0	0	1	1	0.33	3.70
33	Diptera	Tipulidae	<i>Pseudolimnophila</i> sp.1	1	3	0	4	1.33	14.81
33	Ephemeroptera	Baetidae	<i>Baetis</i> sp.	0	1	1	2	0.67	7.41
33	Ephemeroptera	Caenidae	<i>Caenis</i> sp.	0	1	0	1	0.33	3.70
33	Ephemeroptera	Ephemeridae	<i>Ephemera</i> sp.	0	1	1	2	0.67	7.41
33	Hemiptera	Gerridae	<i>Ptilomera</i> sp.	0	0	1	1	0.33	3.70
33	Mesogastropoda	Thiaridae	<i>B. binadosa spiralis</i>	0	1	5	6	2.00	22.22
33	Mesogastropoda	Thiaridae	<i>B. melanodes tuberculata</i>	2	0	1	3	1.00	11.11
33	Mesogastropoda	Thiaridae	<i>T. granifera</i>	0	0	1	1	0.33	3.70
33	Mesogastropoda	Thiaridae	<i>Th. scabra</i>	2	1	1	4	1.33	14.81
33	Odonata	Gomphidae	<i>Megalogramphus</i> sp.	1	0	1	2	0.67	7.41
33	Trichoptera	Calamoceratidae	<i>Anisocentropus</i> sp.	0	0	1	1	0.33	3.70
33	Trichoptera	Leptoceridae	<i>Triaenodes</i> sp.	0	1	0	1	0.33	3.70
33	Trichoptera	Polycentropodidae	<i>Polycentropus</i> sp.	0	1	2	3	1.00	11.11
34	Diptera	Tipulidae	<i>Hexatoma</i> sp.	0	2	0	2	0.67	7.41
34	Diptera	Tipulidae	<i>Limnophila</i> sp.	2	1	0	3	1.00	11.11
34	Diptera	Tipulidae	<i>Pseudolimnophila</i> sp.1	0	0	1	1	0.33	3.70
34	Ephemeroptera	Baetidae	<i>Baetis</i> sp.	0	0	1	1	0.33	3.70

ภาคผนวกที่ 2 สัตว์ไม่มีกระดูกสันหลังหน้าดินในแต่ละสถานี (ต่อ)

Site	Order	Family	Genus / Species	Rep1	Rep2	Rep3	total	Mean	Density
34	Odonata	Gomphidae	<i>Ophiogomphus</i> sp.	1	0	0	1	0.33	3.70
35	Diptera	Chironomidae	tribe <i>Chironominae</i>	3	1	1	5	1.67	18.52
35	Diptera	Tipulidae	<i>Limnophila</i> sp.	2	0	0	2	0.67	7.41
35	Hemiptera	Veliidae	<i>Rhagovelia</i> sp.	1	0	0	1	0.33	3.70
35	Mesogastropoda	Thiaridae	<i>B. binadosa spiralis</i>	1	1	1	3	1.00	11.11
35	Mesogastropoda	Thiaridae	<i>T. granifera</i>	10	1	1	12	4.00	44.44
35	Mesogastropoda	Thiaridae	<i>Th. scabra</i>	0	0	1	1	0.33	3.70
35	Trichoptera	Hydropsychidae	<i>Hydropsyche</i> sp.	1	0	0	1	0.33	3.70
35	Trichoptera	Polycentropodidae	<i>Polycentropus</i> sp.	1	0	0	1	0.33	3.70
36	Basommatophora	Planorbidae	<i>Helicorbis</i> sp.	0	1	0	1	0.33	3.70
36	Coleoptera	Elmidae	<i>Cleptelmis</i> sp.1	1	0	0	1	0.33	3.70
36	Coleoptera	Elmidae	<i>Cleptelmis</i> sp.2	2	0	0	2	0.67	7.41
36	Diptera	Chironomidae	tribe <i>Chironominae</i>	0	9	0	9	3.00	33.33
36	Diptera	Tipulidae	<i>Hexatoma</i> sp.	1	3	0	4	1.33	14.81
36	Diptera	Tipulidae	<i>Limnophila</i> sp.	0	1	0	1	0.33	3.70
36	Mesogastropoda	Thiaridae	<i>B. binadosa spiralis</i>	4	4	0	8	2.67	29.63
36	Mesogastropoda	Thiaridae	<i>B. melanodes tuberculata</i>	0	2	2	4	1.33	14.81
36	Mesogastropoda	Thiaridae	<i>T. granifera</i>	7	40	5	52	17.33	192.59
36	Mesogastropoda	Thiaridae	<i>Th. scabra</i>	2	5	3	10	3.33	37.04
36	Odonata	Gomphidae	<i>Ophiogomphus</i> sp.	0	1	0	1	0.33	3.70
36	Trichoptera	Polycentropodidae	<i>Polycentropus</i> sp.	3	3	0	6	2.00	22.22
37	Coleoptera	Elmidae	<i>Cleptelmis</i> sp.1	2	0	19	21	7.00	77.78
37	Coleoptera	Elmidae	<i>Neocylloepus</i> sp.	0	0	3	3	1.00	11.11
37	Coleoptera	Elmidae	<i>Hexacylloepus</i> sp.	0	0	1	1	0.33	3.70
37	Decapoda	Palaemonidae	<i>M. lanchesteri</i>	0	2	0	2	0.67	7.41
37	Diptera	Athericidae	<i>Atherix</i> sp.	0	0	1	1	0.33	3.70
37	Diptera	Chironomidae	tribe <i>Chironominae</i>	9	1	6	16	5.33	59.26

ภาคผนวกที่ 2 สัตว์ไม่มีกระดูกสันหลังหน้าดินในแต่ละสถานี (ต่อ)

Site	Order	Family	Genus / Species	Rep1	Rep2	Rep3	total	Mean	Density
37	Diptera	Chironomidae	tribe Tanypodinae	0	0	2	2	0.67	7.41
37	Diptera	Tipulidae	<i>Hexatoma</i> sp.	0	1	2	3	1.00	11.11
37	Diptera	Tipulidae	<i>Limnophila</i> sp.	0	1	0	1	0.33	3.70
37	Ephemeroptera	Caenidae	<i>Caenis</i> sp.	0	0	2	2	0.67	7.41
37	Ephemeroptera	Ephemeridae	<i>Ephemer</i> sp.	0	0	1	1	0.33	3.70
37	Mesogastropoda	Thiaridae	<i>B. binadosa spiralis</i>	2	1	8	11	3.67	40.74
37	Mesogastropoda	Thiaridae	<i>T. granifera</i>	1	5	17	23	7.67	85.19
37	Mesogastropoda	Thiaridae	<i>Th. scabra</i>	0	0	1	1	0.33	3.70
37	Odonata	Gomphidae	<i>Lamelligomphus</i> sp.	0	0	2	2	0.67	7.41
37	Odonata	Gomphidae	<i>Melligomphus</i> sp.	0	0	1	1	0.33	3.70
37	Trichoptera	Glossosomatidae	<i>Glossosoma</i> sp.	0	0	1	1	0.33	3.70
37	Trichoptera	Goeridae	<i>Goera</i> sp.	0	0	3	3	1.00	11.11
37	Trichoptera	Hydropsychidae	<i>Cheumatopsyche</i> sp.	0	0	1	1	0.33	3.70
37	Trichoptera	Hydropsychidae	<i>Hydropsyche</i> sp.	1	0	3	4	1.33	14.81
37	Trichoptera	Hydropsychidae	<i>Potamyia</i> sp.	0	0	1	1	0.33	3.70
37	Trichoptera	Leptoceridae	<i>Oecetis</i> sp.	0	0	1	1	0.33	3.70
37	Trichoptera	Polycentropodidae	<i>Polycentropus</i> sp.	0	8	0	8	2.67	29.63
37	Trichoptera	Xiphocentronidae	<i>Xiphocentron</i> sp.	0	0	3	3	1.00	11.11
38	Coleoptera	Elmidae	<i>Cleptelmis</i> sp.1	12	9	11	32	10.67	118.52
38	Coleoptera	Elmidae	<i>Stenelmis</i> sp.2	0	0	11	11	3.67	40.74
38	Coleoptera	Elmidae	<i>Neocylloepus</i> sp.	0	0	4	4	1.33	14.81
38	Coleoptera	Elmidae	<i>Cleptelmis</i> sp.2	0	5	0	5	1.67	18.52
38	Coleoptera	Psephenidae	<i>Acneus</i> sp.	0	1	2	3	1.00	11.11
38	Diptera	Chironomidae	tribe Chironominae	0	1	4	5	1.67	18.52
38	Diptera	Chironomidae	tribe Orthoclaadiinae	0	0	1	1	0.33	3.70
38	Diptera	Chironomidae	tribe Tanypodinae	3	0	1	4	1.33	14.81
38	Diptera	Tipulidae	<i>Antocha</i> sp.	0	0	1	1	0.33	3.70

ภาคผนวกที่ 2 สัตว์ไม่มีกระดูกสันหลังหน้าดินในแต่ละสถานี (ต่อ)

Site	Order	Family	Genus / Species	Rep1	Rep2	Rep3	total	Mean	Density
38	Diptera	Tipulidae	<i>Hexatoma</i> sp.	1	2	1	4	1.33	14.81
38	Diptera	Tipulidae	<i>Limnophila</i> sp.	1	0	0	1	0.33	3.70
38	Diptera	Tipulidae	<i>Pseudolimnophila</i> sp.1	0	2	0	2	0.67	7.41
38	Ephemeroptera	Baetidae	<i>Baetis</i> sp.	1	0	0	1	0.33	3.70
38	Ephemeroptera	Caenidae	<i>Caenis</i> sp.	1	2	3	6	2.00	22.22
38	Ephemeroptera	Ephemeridae	<i>Ephemer</i> sp.	0	1	1	2	0.67	7.41
38	Ephemeroptera	Heptageniidae	<i>Cinygma</i> sp.	0	0	1	1	0.33	3.70
38	Ephemeroptera	Leptophlebiidae	<i>Choroterpes</i> sp.	0	0	1	1	0.33	3.70
38	Ephemeroptera	Leptophlebiidae	<i>Paraleptophlebia</i> sp.	3	0	0	3	1.00	11.11
38	Hemiptera	Gerridae	<i>Grypobates</i> sp.	1	0	0	1	0.33	3.70
38	Mesogastropoda	Thiaridae	<i>B. binadosa spiralis</i>	9	1	18	28	9.33	103.70
38	Mesogastropoda	Thiaridae	<i>B. melanodes tuberculata</i>	4	0	0	4	1.33	14.81
38	Mesogastropoda	Thiaridae	<i>T. granifera</i>	77	34	27	138	46.00	511.11
38	Mesogastropoda	Thiaridae	<i>Th. scabra</i>	2	0	0	2	0.67	7.41
38	Odonata	Gomphidae	<i>Melligomphus</i> sp.	1	2	0	3	1.00	11.11
38	Odonata	Gomphidae	<i>Ophiogomphus</i> sp.	1	0	0	1	0.33	3.70
38	Odonata	Libellulidae	<i>Diplacodes</i> sp.	0	0	1	1	0.33	3.70
38	Trichoptera	Glossosomatidae	<i>Glossosoma</i> sp.	1	1	0	2	0.67	7.41
38	Trichoptera	Goeridae	<i>Goera</i> sp.	4	2	13	19	6.33	70.37
38	Trichoptera	Hydropsychidae	<i>Hydropsyche</i> sp.	0	2	4	6	2.00	22.22
38	Trichoptera	Polycentropodidae	<i>Polycentropus</i> sp.	5	3	2	10	3.33	37.04
38	Trichoptera	Psychomyiidae	<i>Psychomyia</i> sp.	1	0	2	3	1.00	11.11
38	Trichoptera	Xiphocentronidae	<i>Xiphocentron</i> sp.	5	0	5	10	3.33	37.04
39	Coleoptera	Psephenidae	Psephenidae spp.	0	2	0	2	0.67	7.41
39	Decapoda	Palaemonidae	<i>M. lanchesteri</i>	0	3	1	4	1.33	14.81
39	Diptera	Chironomidae	tribe <i>Chironominae</i>	0	11	2	13	4.33	48.15
39	Diptera	Chironomidae	tribe <i>Orthocladiinae</i>	0	1	0	1	0.33	3.70

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Site	Order	Family	Genus / Species	Rep1	Rep2	Rep3	total	Mean	Density
39	Diptera	Tipulidae	<i>Hexatoma</i> sp.	1	0	0	1	0.33	3.70
39	Diptera	Tipulidae	<i>Pseudolimnophila</i> sp.1	1	0	0	1	0.33	3.70
39	Hemiptera	Gerridae	<i>Grypobates</i> sp.	0	1	0	1	0.33	3.70
39	Mesogastropoda	Thiaridae	<i>B. binadosa spiralis</i>	2	4	2	8	2.67	29.63
39	Mesogastropoda	Thiaridae	<i>B. melanodes tuberculata</i>	0	6	2	8	2.67	29.63
39	Mesogastropoda	Thiaridae	<i>T. granifera</i>	21	31	12	64	21.33	237.04
39	Odonata	Gomphidae	<i>Shaogomphus</i> sp.	0	1	1	2	0.67	7.41
39	Trichoptera	Polycentropodidae	<i>Polycentropus</i> sp.	0	1	6	7	2.33	25.93
40	Coleoptera	Elmidae	<i>Cleptelmis</i> sp.1	0	0	2	2	0.67	7.41
40	Coleoptera	Elmidae	<i>Hexcylloepus</i> sp.	0	0	1	1	0.33	3.70
40	Coleoptera	Psephenidae	<i>Acneus</i> sp.	1	0	0	1	0.33	3.70
40	Decapoda	Palaemonidae	<i>M. lanchesteri</i>	2	0	0	2	0.67	7.41
40	Diptera	Chironomidae	tribe <i>Chironominae</i>	11	2	5	18	6.00	66.67
40	Diptera	Chironomidae	tribe <i>Tanypodinae</i>	0	0	1	1	0.33	3.70
40	Diptera	Tipulidae	<i>Hexatoma</i> sp.	0	1	1	2	0.67	7.41
40	Diptera	Tipulidae	<i>Pseudolimnophila</i> sp.1	0	0	2	2	0.67	7.41
40	Ephemeroptera	Caenidae	<i>Caenis</i> sp.	1	3	1	5	1.67	18.52
40	Ephemeroptera	Ephemeridae	<i>Ephemera</i> sp.	1	2	12	15	5.00	55.56
40	Hemiptera	Naucoridae	<i>Stenipocoris</i> sp.	0	1	0	1	0.33	3.70
40	Mesogastropoda	Thiaridae	<i>B. binadosa spiralis</i>	6	3	8	17	5.67	62.96
40	Mesogastropoda	Thiaridae	<i>B. melanodes tuberculata</i>	0	0	1	1	0.33	3.70
40	Mesogastropoda	Thiaridae	<i>T. granifera</i>	8	6	12	26	8.67	96.30
40	Mesogastropoda	Thiaridae	<i>Th. scabra</i>	0	0	2	2	0.67	7.41
40	Odonata	Gomphidae	<i>Stylogomphus</i> sp.	0	0	1	1	0.33	3.70
40	Trichoptera	Hydropsychidae	<i>Cheumatopsyche</i> sp.	0	1	0	1	0.33	3.70
40	Trichoptera	Hydropsychidae	<i>Hydropsyche</i> sp.	0	1	0	1	0.33	3.70
40	Trichoptera	Hydropsychidae	<i>Macronema</i> sp.	1	0	0	1	0.33	3.70

ภาคผนวกที่ 2 สัตว์ไม่มีกระดูกสันหลังหน้าดินในแต่ละสถานี (ต่อ)

Site	Order	Family	Genus / Species	Rep1	Rep2	Rep3	total	Mean	Density
40	Trichoptera	Polycentropodidae	<i>Polycentropus</i> sp.	1	0	8	9	3.00	33.33
41	Decapoda	Palaemonidae	<i>M. lanchesteri</i>	0	1	0	1	0.33	3.70
41	Diptera	Chironomidae	tribe Chironominae	0	1	0	1	0.33	3.70
41	Diptera	Tipulidae	<i>Hexatoma</i> sp.	0	0	3	3	1.00	11.11
41	Diptera	Tipulidae	<i>Pseudolimnophila</i> sp.1	1	1	1	3	1.00	11.11
41	Hemiptera	Gerridae	<i>Ptilomera</i> sp.	0	1	0	1	0.33	3.70
41	Mesogastropoda	Thiaridae	<i>B. binadosa spiralis</i>	1	6	9	16	5.33	59.26
41	Mesogastropoda	Thiaridae	<i>T. granifera</i>	2	8	14	24	8.00	88.89
42	Coleoptera	Elmidae	<i>Cleptelmis</i> sp.1	2	0	0	2	0.67	7.41
42	Decapoda	Palaemonidae	<i>M. lanchesteri</i>	1	0	0	1	0.33	3.70
42	Diptera	Ceratopogonidae	<i>Bezzia</i> sp.	0	0	1	1	0.33	3.70
42	Diptera	Chironomidae	tribe Chironominae	7	2	5	14	4.67	51.85
42	Diptera	Tipulidae	<i>Hexatoma</i> sp.	1	1	0	2	0.67	7.41
42	Diptera	Tipulidae	<i>Pseudolimnophila</i> sp.1	2	0	0	2	0.67	7.41
42	Ephemeroptera	Caenidae	<i>Caenis</i> sp.	1	0	1	2	0.67	7.41
42	Ephemeroptera	Ephemeridae	<i>Ephemera</i> sp.	0	1	0	1	0.33	3.70
42	Hemiptera	Veliidae	<i>Rhagovelia</i> sp.	0	0	1	1	0.33	3.70
42	Mesogastropoda	Thiaridae	<i>B. binadosa spiralis</i>	2	4	0	6	2.00	22.22
42	Mesogastropoda	Thiaridae	<i>T. granifera</i>	11	2	30	43	14.33	159.26
42	Mesogastropoda	Thiaridae	<i>Th. scabra</i>	1	1	0	2	0.67	7.41
42	Odonata	Gomphidae	<i>Ophiogomphus</i> sp.	3	0	0	3	1.00	11.11
42	Trichoptera	Polycentropodidae	<i>Polycentropus</i> sp.	0	1	0	1	0.33	3.70
43	Coleoptera	Elmidae	<i>Cleptelmis</i> sp.1	1	6	3	10	3.33	37.04
43	Diptera	Chironomidae	tribe Chironominae	2	1	2	5	1.67	18.52
43	Diptera	Tipulidae	<i>Limnophila</i> sp.	0	0	1	1	0.33	3.70
43	Diptera	Tipulidae	<i>Pseudolimnophila</i> sp.1	1	0	0	1	0.33	3.70
43	Ephemeroptera	Caenidae	<i>Caenis</i> sp.	0	1	0	1	0.33	3.70

ภาคผนวกที่ 2 สัตว์ไม่มีกระดูกสันหลังหน้าดินในแต่ละสถานี (ต่อ)

Site	Order	Family	Genus / Species	Rep1	Rep2	Rep3	total	Mean	Density
43	Mesogastropoda	Thiaridae	<i>B. binadosa spiralis</i>	5	4	1	10	3.33	37.04
43	Mesogastropoda	Thiaridae	<i>T. granifera</i>	12	1	0	13	4.33	48.15
43	Mesogastropoda	Thiaridae	<i>Th. scabra</i>	1	0	0	1	0.33	3.70
43	Odonata	Gomphidae	<i>Ophiogomphus</i> sp.	1	0	0	1	0.33	3.70
43	Trichoptera	Hydropsychidae	<i>Hydropsyche</i> sp.	0	1	0	1	0.33	3.70
44	Coleoptera	Elmidae	<i>Cleptelmis</i> sp.1	0	0	2	2	0.67	7.41
44	Decapoda	Palaemonidae	<i>M. lanchesteri</i>	1	0	0	1	0.33	3.70
44	Diptera	Chironomidae	tribe <i>Chironominae</i>	5	1	5	11	3.67	40.74
44	Diptera	Tipulidae	<i>Hexatoma</i> sp.	0	3	0	3	1.00	11.11
44	Diptera	Tipulidae	<i>Pseudolimnophila</i> sp.1	0	0	1	1	0.33	3.70
44	Ephemeroptera	Caenidae	<i>Caenis</i> sp.	2	1	4	7	2.33	25.93
44	Ephemeroptera	Ephemeridae	<i>Ephemera</i> sp.	0	4	3	7	2.33	25.93
44	Mesogastropoda	Thiaridae	<i>B. binadosa spiralis</i>	0	1	0	1	0.33	3.70
44	Mesogastropoda	Thiaridae	<i>T. granifera</i>	11	6	13	30	10.00	111.11
44	Trichoptera	Polycentropodidae	<i>Polycentropus</i> sp.	6	1	0	7	2.33	25.93
45	Coleoptera	Elmidae	<i>Cleptelmis</i> sp.1	0	0	1	1	0.33	3.70
45	Decapoda	Palaemonidae	<i>M. lanchesteri</i>	0	1	0	1	0.33	3.70
45	Diptera	Ceratopogonidae	<i>Bezzia</i> sp.	1	0	0	1	0.33	3.70
45	Diptera	Chironomidae	tribe <i>Chironominae</i>	2	24	1	27	9.00	100.00
45	Diptera	Tipulidae	<i>Limnophila</i> sp.	0	0	2	2	0.67	7.41
45	Diptera	Tipulidae	<i>Pseudolimnophila</i> sp.1	2	1	0	3	1.00	11.11
45	Ephemeroptera	Caenidae	<i>Caenis</i> sp.	0	0	1	1	0.33	3.70
45	Ephemeroptera	Ephemerellidae	<i>Serratella</i> sp.	0	1	0	1	0.33	3.70
45	Mesogastropoda	Thiaridae	<i>T. granifera</i>	19	6	4	29	9.67	107.41
45	Odonata	Gomphidae	<i>Shaogomphus</i> sp.	1	1	0	2	0.67	7.41
45	Trichoptera	Hydropsychidae	<i>Macronema</i> sp.	0	1	0	1	0.33	3.70
45	Trichoptera	Polycentropodidae	<i>Polycentropus</i> sp.	0	1	0	1	0.33	3.70

ภาคผนวกที่ 2 สัตว์ไม่มีกระดูกสันหลังหน้าดินในแต่ละสถานี (ต่อ)

Site	Order	Family	Genus / Species	Rep1	Rep2	Rep3	total	Mean	Density
45	Venerioda	Corbiculidae	<i>Corbicula</i> sp.	0	1	0	1	0.33	3.70
46	Coleoptera	Elmidae	<i>Cleptelmis</i> sp.1	0	1	0	1	0.33	3.70
46	Decapoda	Palaemonidae	<i>M. lanchesteri</i>	0	3	4	7	2.33	25.93
46	Diptera	Ceratopogonidae	<i>Bezzia</i> sp.	0	1	1	2	0.67	7.41
46	Diptera	Chironomidae	tribe <i>Chironominae</i>	0	3	2	5	1.67	18.52
46	Diptera	Tipulidae	<i>Hexatoma</i> sp.	0	0	1	1	0.33	3.70
46	Ephemeroptera	Caenidae	<i>Caenis</i> sp.	0	0	3	3	1.00	11.11
46	Ephemeroptera	Ephemerellidae	<i>Serratella</i> sp.	1	0	0	1	0.33	3.70
46	Ephemeroptera	Ephemeridae	<i>Ephemer</i> sp.	1	0	0	1	0.33	3.70
46	Mesogastropoda	Thiaridae	<i>B. binadosa spiralis</i>	0	0	3	3	1.00	11.11
46	Mesogastropoda	Thiaridae	<i>B. melanodes tuberculata</i>	0	2	0	2	0.67	7.41
46	Mesogastropoda	Thiaridae	<i>T. granifera</i>	3	42	22	67	22.33	248.15
46	Odonata	Gomphidae	<i>Labrogomphus</i> sp.	0	0	1	1	0.33	3.70
46	Odonata	Gomphidae	<i>Shaogomphus</i> sp.	0	0	1	1	0.33	3.70
46	Trichoptera	Polycentropodidae	<i>Polycentropus</i> sp.	0	0	1	1	0.33	3.70
47	Coleoptera	Elmidae	<i>Cleptelmis</i> sp.1	12	0	2	14	4.67	51.85
47	Coleoptera	Gyrinidae	<i>Dineutus</i> sp.	1	0	0	1	0.33	3.70
47	Collembola	Isotomidae	<i>Isotomurus</i> sp.	0	0	1	1	0.33	3.70
47	Decapoda	Palaemonidae	<i>M. lanchesteri</i>	2	1	0	3	1.00	11.11
47	Diptera	Chironomidae	tribe <i>Chironominae</i>	1	0	0	1	0.33	3.70
47	Diptera	Tipulidae	<i>Tipulidae</i> spp.	0	0	4	4	1.33	14.81
47	Ephemeroptera	Baetidae	<i>Baetis</i> sp.	1	0	0	1	0.33	3.70
47	Hemiptera	Veliidae	<i>Rhagovelia</i> sp.	0	0	1	1	0.33	3.70
47	Lepidoptera	Pyalidae	<i>Parapoynx</i> sp.	3	0	0	3	1.00	11.11
47	Mesogastropoda	Thiaridae	<i>B. binadosa spiralis</i>	0	2	0	2	0.67	7.41
47	Mesogastropoda	Thiaridae	<i>T. granifera</i>	11	4	0	15	5.00	55.56
47	Trichoptera	Hydropsychidae	<i>Cheumatopsyche</i> sp.	1	0	0	1	0.33	3.70

ภาคผนวกที่ 2 สัตว์ไม่มีกระดูกสันหลังหน้าดินในแต่ละสถานี (ต่อ)

Site	Order	Family	Genus / Species	Rep1	Rep2	Rep3	total	Mean	Density
47	Trichoptera	Hydropsychidae	<i>Hydropsyche</i> sp.	0	0	1	1	0.33	3.70
47	Trichoptera	Philopotamidae	<i>Chimarra</i> sp.	0	0	1	1	0.33	3.70
48	Coleoptera	Elmidae	<i>Cleptelmis</i> sp.1	3	1	8	12	4.00	44.44
48	Diptera	Chironomidae	tribe <i>Chironominae</i>	5	0	3	8	2.67	29.63
48	Diptera	Tipulidae	<i>Limnophila</i> sp.	0	0	2	2	0.67	7.41
48	Diptera	Tipulidae	<i>Pseudolimnophila</i> sp.1	0	0	1	1	0.33	3.70
48	Ephemeroptera	Caenidae	<i>Caenis</i> sp.	3	0	0	3	1.00	11.11
48	Ephemeroptera	Ephemeridae	<i>Ephemera</i> sp.	0	1	3	4	1.33	14.81
48	Ephemeroptera	Heptageniidae	<i>Stenacron</i> sp.	1	0	0	1	0.33	3.70
48	Mesogastropoda	Thiaridae	<i>B. binadosa spiralis</i>	1	0	130	131	43.67	485.19
48	Mesogastropoda	Thiaridae	<i>T. granifera</i>	8	10	9	27	9.00	100.00
48	Mesogastropoda	Thiaridae	<i>Th. scabra</i>	0	2	0	2	0.67	7.41
48	Odonata	Gomphidae	<i>Lamelligomphus</i> sp.	0	0	1	1	0.33	3.70
48	Odonata	Gomphidae	<i>Ophiogomphus</i> sp.	0	0	1	1	0.33	3.70
48	Trichoptera	Hydropsychidae	<i>Hydropsyche</i> sp.	1	0	0	1	0.33	3.70
48	Trichoptera	Polycentropodidae	<i>Polycentropus</i> sp.	0	0	1	1	0.33	3.70
49	Decapoda	Palaemonidae	<i>M. lanchesteri</i>	0	1	0	1	0.33	3.70
49	Diptera	Ceratopogonidae	<i>Bezzia</i> sp.	0	0	1	1	0.33	3.70
49	Diptera	Chironomidae	tribe <i>Chironominae</i>	4	4	2	10	3.33	37.04
49	Diptera	Tipulidae	<i>Limnophila</i> sp.	0	1	0	1	0.33	3.70
49	Ephemeroptera	Caenidae	<i>Caenis</i> sp.	0	0	2	2	0.67	7.41
49	Ephemeroptera	Ephemeridae	<i>Ephemera</i> sp.	2	0	0	2	0.67	7.41
49	Ephemeroptera	Leptophlebiidae	<i>Choroterpes</i> sp.	0	2	0	2	0.67	7.41
49	Mesogastropoda	Thiaridae	<i>B. binadosa spiralis</i>	0	2	1	3	1.00	11.11
49	Mesogastropoda	Thiaridae	<i>T. granifera</i>	8	6	16	30	10.00	111.11
49	Odonata	Libellulidae	<i>Diplacodes</i> sp.	0	0	1	1	0.33	3.70
50	Mesogastropoda	Thiaridae	<i>B. binadosa spiralis</i>	1	0	2	3	1.00	11.11
50	Mesogastropoda	Thiaridae	<i>T. granifera</i>	24	14	30	68	22.67	251.85

ภาคผนวกที่ 3 แผ่นรูปชนิดสัตว์ไม่มีกระดูกสันหลังน้ำจืดที่พบในลำธารของถ้ำใหญ่น้ำหนาว
อุทยานแห่งชาติน้ำหนาว (134 ชนิด จากจำนวนรวม 150 ชนิด)

Basommatophora : 1. Planorbidae: *Hippeutis* sp.

Coleoptera : 2. Psephenidae: *Acneus* sp. 3. Psephenidae: *Alabameubria* sp. 4. Elmidae:
Ancycronyx sp. 5. Elmidae: *Cleptelmis* sp.1 6. Elmidae: *Cleptelmis* sp.2 7. Dytiscidae:
Cybister sp. 8. Gyrinidae: *Dineutus* sp. 9. Elmidae: *Dubiraphia* sp. 10. Hydrophilidae:
Ecnichrus sp. 11. Psephenidae: *Eubrianax* sp. 12. Gyrinidae: *Gyretes* sp. 13. Elmidae:
Hexacylloepus sp. 14. Dytiscidae: *Hydraticus* sp. 15. Hydrophilidae: *Hydrobius* sp. 16.
Hydrophilidae spp. 17. Dytiscidae: *Laccophilus* sp. 18. Elmidae: *Lara* sp. 19. Elmidae:
Neocylloepus sp. 20. Haliplidae: *Peltodytes* sp. 21. Scirtidae: *Scirtes* sp. 22. Elmidae:
Stenelmis sp.1 23. Elmidae: *Stenelmis* sp.2 24. Curculionidae: *Stenopelmis* sp. 25.
Elmidae: *Zaitzevia* sp.

Collembola : 26. Isotomidae: *Isotomurus* sp.

Decapoda : 27. Palaemonidae: *M. lanchesteri*. 28. Parathelphusidae: *Somaniathephusa* sp.

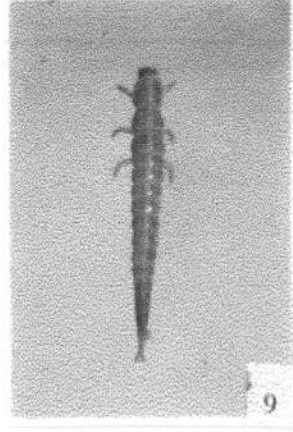
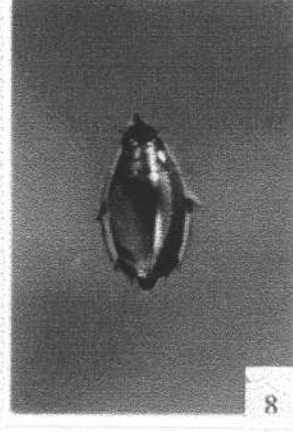
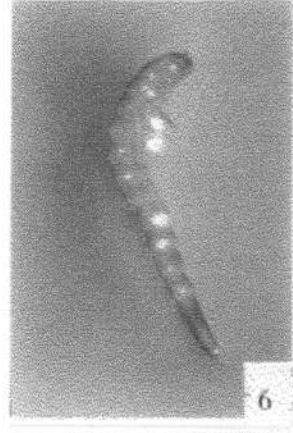
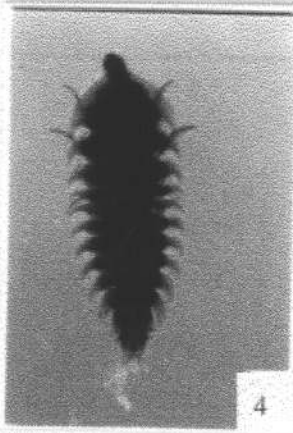
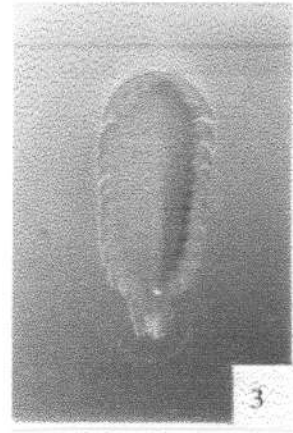
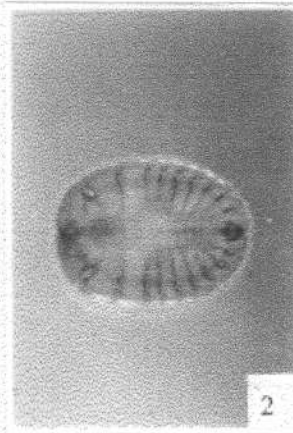
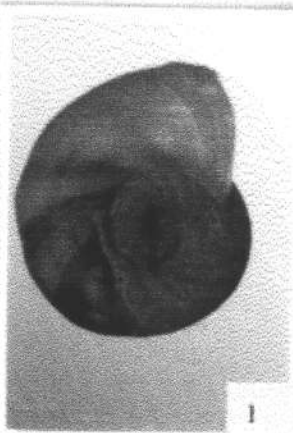
Diptera : 29. Tipulidae: *Antocha* sp. 30. Athericidae: *Atherix* sp. 31. Athericidae: *Atrichop* sp.
32. Ceratopogonidae: *Bezzia* sp. 33. Canaceidae: *Canaceoides* sp. 34. Chironomidae:
tribe Chironominae. 35. Chironomidae: tribe Diamesinae. 36. Chironomidae: tribe
Orthoclaadiinae. 37. Ceratopogonidae: tribe Dashyheleinae. 38. Empidae: *Hemarodromia*
sp. 39. Tipulidae: *Limonia* sp. 41. Tipulidae: *Limnophila* sp. 42. Tipulidae: *Molophilus*
sp. 43. Tipulidae: *Ormosia* sp. 44. Tipulidae: *Prionocera* sp. 45. Tipulidae:
Pseudolimnophila sp.1 46. Tipulidae: *Pseudolimnophila* sp.2 47. Simuliidae: *Simulium*
sp. 48. Chironomidae: tribe Tanypodinae. 49. Tipulidae: *Tipulia* sp.

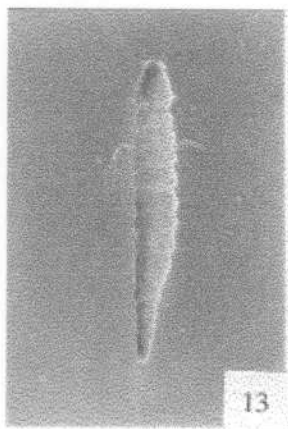
Ephemeroptera : 50. Baetidae: *Baetis* sp. 51. Caenidae: *Caenis* sp. 52. Baetidae: *Centroptilum*
sp. 53. Heptageniidae: *Cinygmula* sp. 54. Ephemeridae: *Ephemera* sp. 55.
Ephemerellidae: *Ephemerella* sp. 56. Leptophlebiidae: *Habrophlebia* sp. 57.
Leptophlebiidae: *Habrophlebiodes* sp. 58. Heptageniidae: *Heptagenia* sp.1 59.
Heptageniidae: *Heptagenia* sp.2 60. Leptophlebiidae: *Traverella* sp. 61. Heptageniidae:
Leucrocuta sp. 62. Heptageniidae: *Nixe* sp. 63. Ephemerellidae: *Serratella* sp. 64.
Heptageniidae: *Stenacron* sp.

- Hemiptera** : 65. Aphelocheiridae: *Aphelocheirus* sp. 66. Gerridae: *Grypobates* sp. 67. Hydrometridae spp. 68. Gerridae: *Limnogonus* sp. 69. Mesoveliidae: *Mesovelia* sp. 70. Corixidae: *Micronecta* sp. 71. Gerridae: *Neogerris* sp. 72. Gerridae: *Ptilomera* sp.-73. Veliidae: *Rhagovelia* sp. 74. Naucoridae: *Stenipocoris* sp. 75. Gerridae: *Trepobates* sp.
- Lepidoptera** : 76. Pyralidae: *Crambus* sp. 77. Pyralidae: *Parapoynx* sp.
- Megaloptera** : 78. Corydalidae spp. 79. Corydalidae: *corydalus* sp.
- Mesogastropoda** : 80. Thiaridae: *B. binadosa spiralis*. 81. Thiaridae: *B. Melanodes tuberculata*. 82. Thiaridae: *T. granifera*. 83. Thiaridae: *Th. scabra*.
- Odonata** : 84. Aeshnidae: *Ashnophlebia* sp. 85. Coenagrionidae: *Argironemis* sp. 86. Libellulidae: *Diplacodes* sp. 87. Gomphidae: *Erpetogomphus* sp. 88. Gomphidae: *Gomphus* sp. 89. Gomphidae: *Labrogomphus* sp. 90. Gomphidae: *Lamelligomphus* sp. 91. Libellulidae: *Macrothemis* sp. 92. Gomphidae: *Megalogomphus* sp. 93. Gomphidae: *Melligomphus* sp. 94. Gomphidae: *Ophiogomphus* sp. 95. Gomphidae: *Orientogomphus*. 96. Amphiterygidae: *Philoganga* sp. 97. Gomphidae: *Progomphus* sp. 98. Gomphidae: *Shaogomphus* sp. 99. Gomphidae: *Stylogomphus* sp. 100. Gomphidae: *Trigomphus* sp.
- Plecoptera** : 101. Nemouridae: *Amphinemula* sp. 102. Perlidae: *Neoperla* sp.
- Trichoptera** : 103. Glossosomatidae: *Agapetus* sp. 104. Calamoceratidae: *Anisocentropus* sp. 105. Leptoceridae: *Ceraclea* sp. 106. Hydropsychidae: *Cheumatopsyche* sp. 107. Hydropsychidae: *Cheumatopsyche malaysiansis*. 108. Philopotamidae: *Chimarra* sp. 109. Hydropsychidae: *Diplectronea* sp. 110. Philopotamidae: *Dolophilodes* sp. 111. Glossosomatidae: *Glossosoma* sp. 112. Goeridae: *Goera* sp. 113. Limnephilidae: *Helesochila* sp. 114. Calamoceratidae: *Heteroplectron* sp. 115. Hydropsychidae: *Hydropsyche* sp. 116. Hydroptilidae: *Hydroptila* sp. 117. Hydroptilidae spp. 118. Limnephilidae spp. 119. Leptoceridae: *Mystacides* sp. 120. Odontoceridae: *Nemamyia* sp. 121. Polycentropodidae: *Nyctiophilax* sp. 122. Leptoceridae: *Oecetis* sp. 123. Hydroptilidae: *Oxyethira* sp. 124. Calamoceratidae: *Phylliocus* sp. 125. Polycentropodidae: *Polycentropus* sp. 126. Hydropsychidae: *Potamyia* sp. 127. Polycentropodidae: *Pseudoneureclipsis* sp. 128. Psychomyiidae: *Psychomyia* sp.

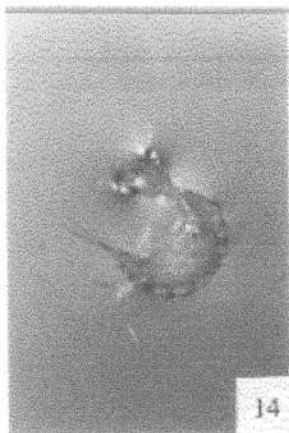
129. Phryganeidae: *Ptilostomis* sp. 130. Leptoceridae: *Setodes* sp. 131. Psychomyiidae:
Tinodes sp. 132. Leptoceridae: *Trianodes* sp. 133. Xiphocentronidae: *Xiphocentron* sp.

Veneroida : 134 Corbiculidae: *Corbicula* sp.

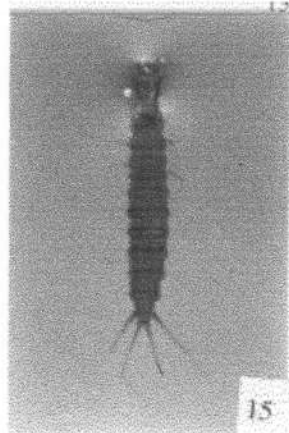




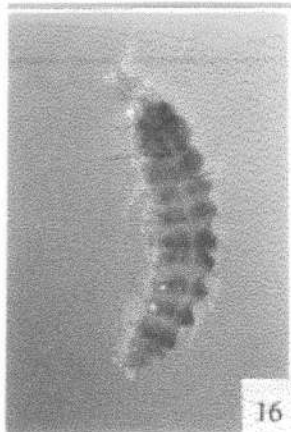
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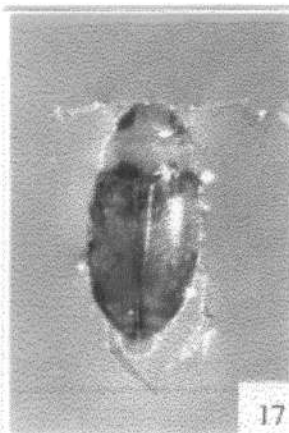
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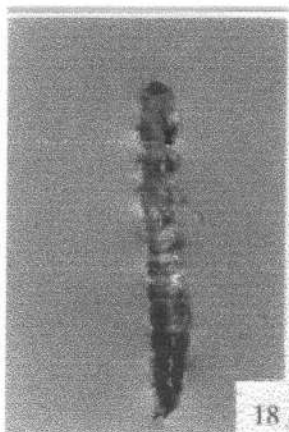
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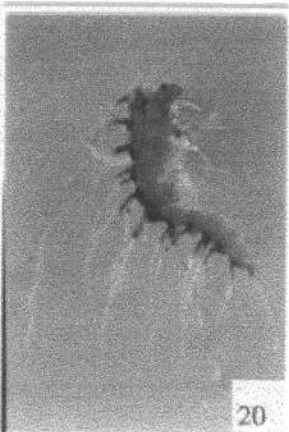
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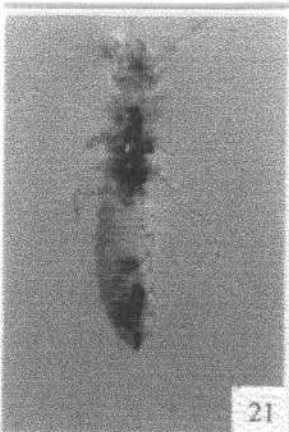
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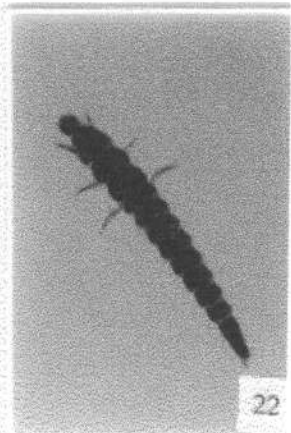
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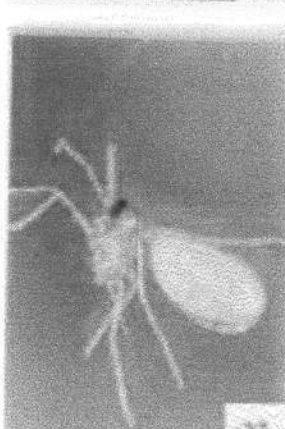
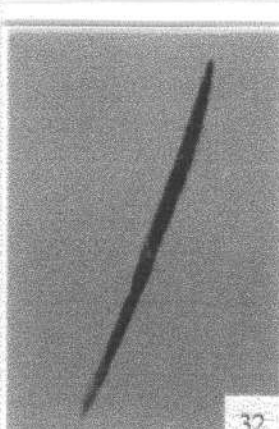
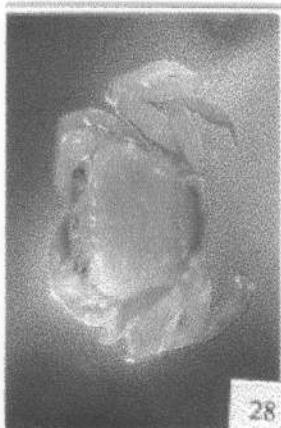
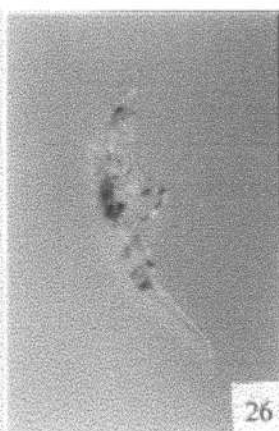
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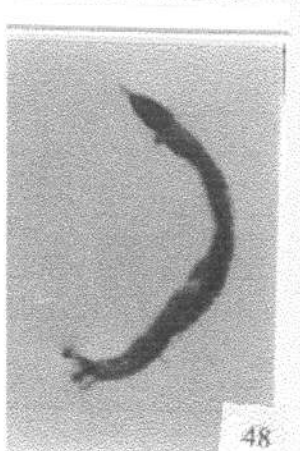
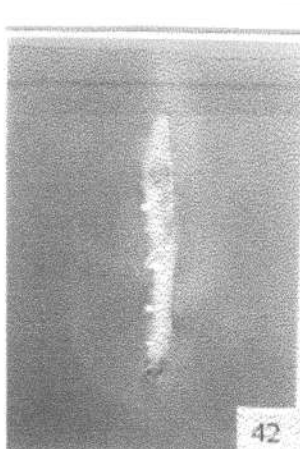


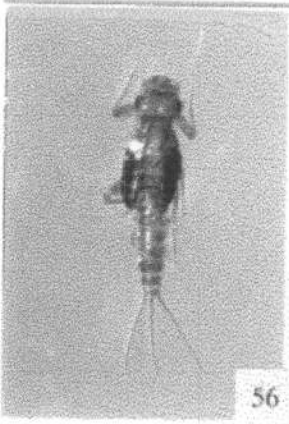
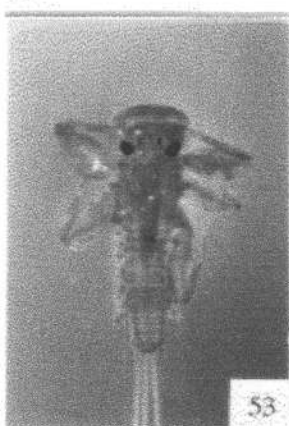
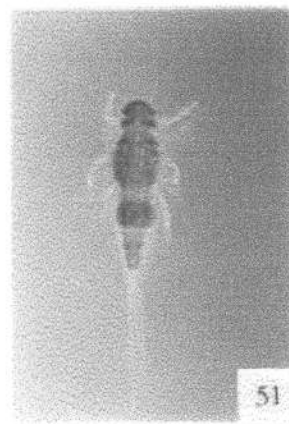
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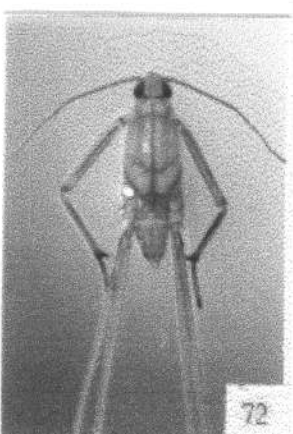
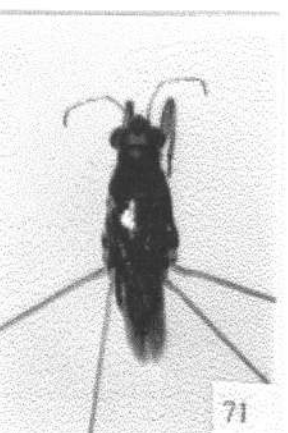
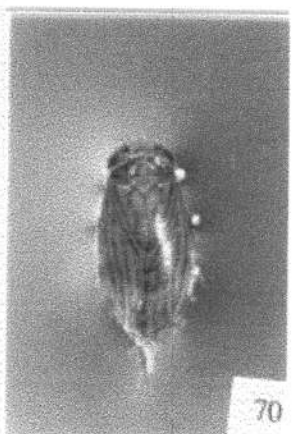
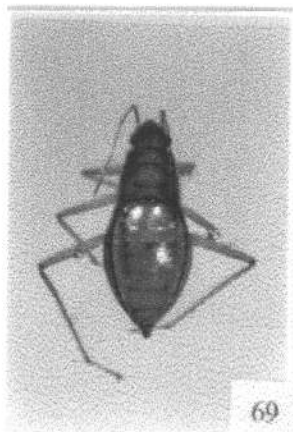
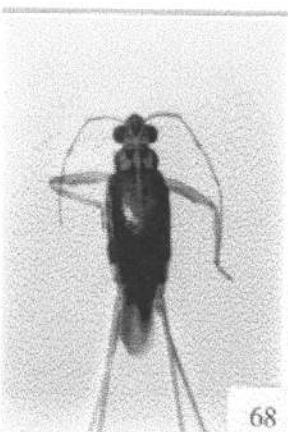
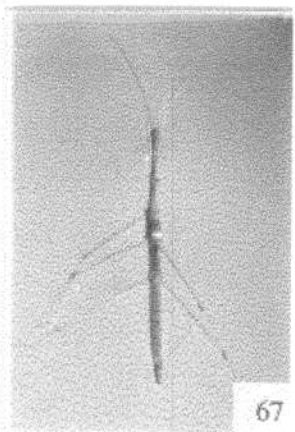
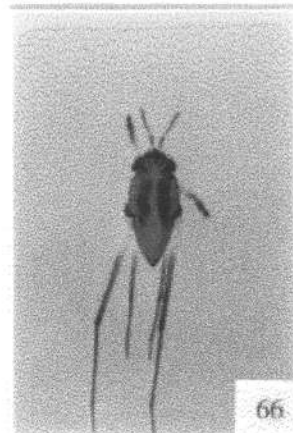
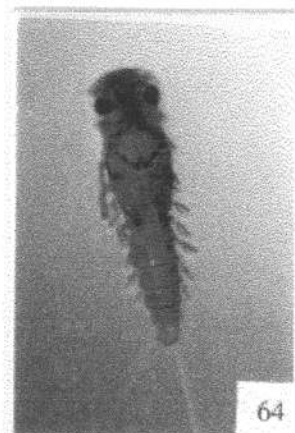
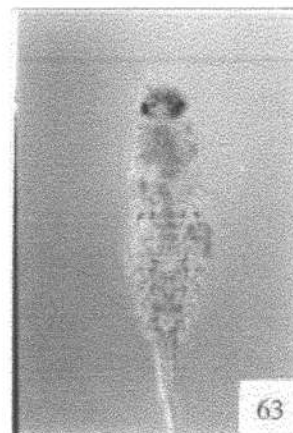
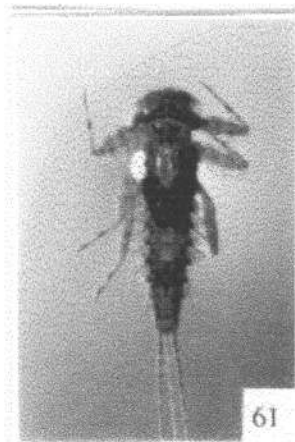


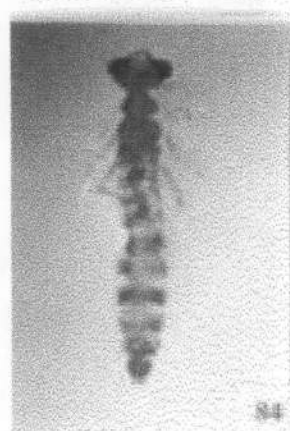
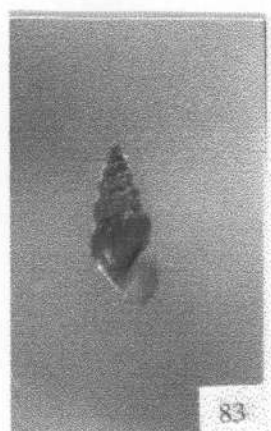
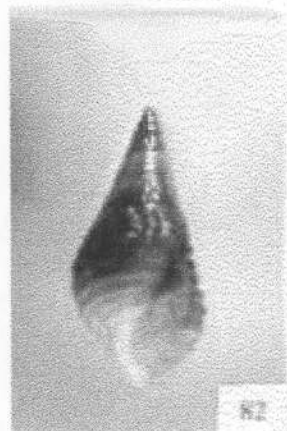
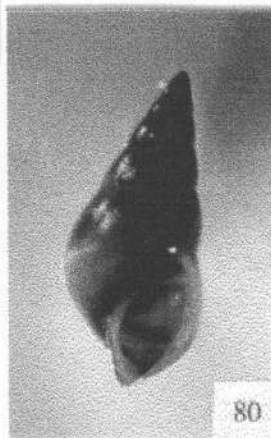
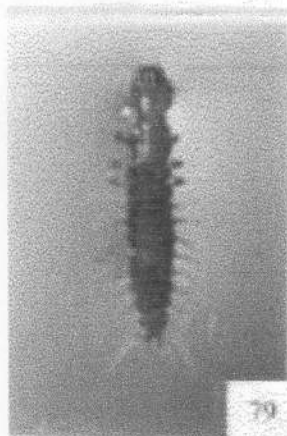
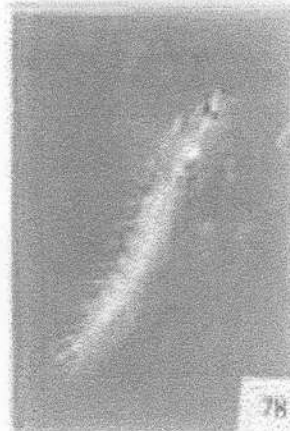
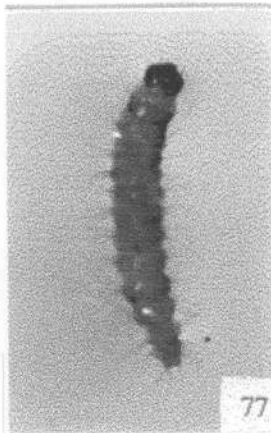
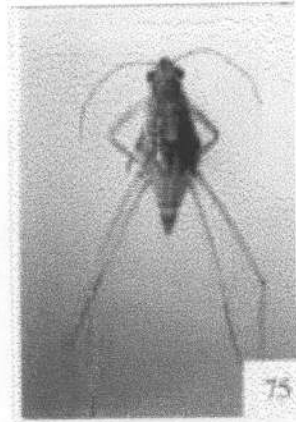
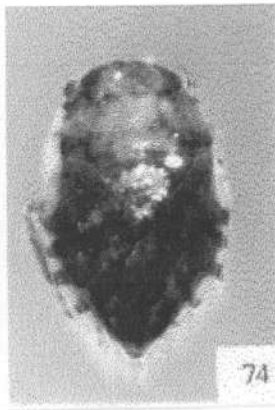
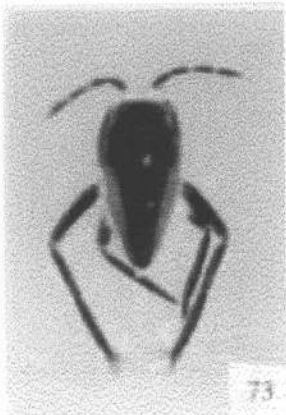
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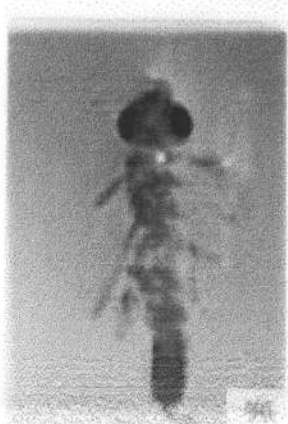
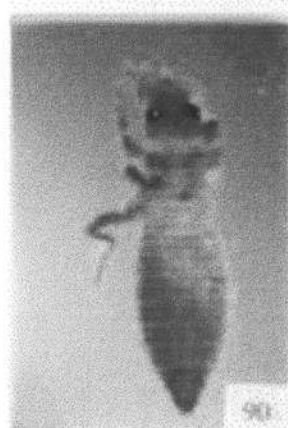
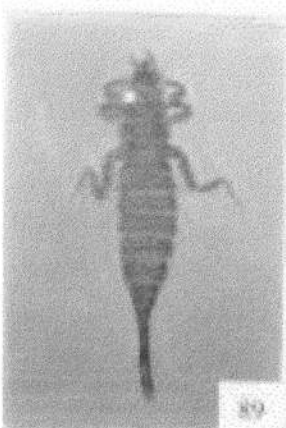


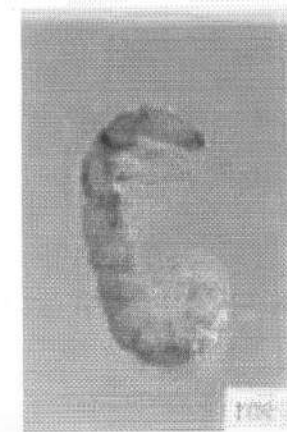
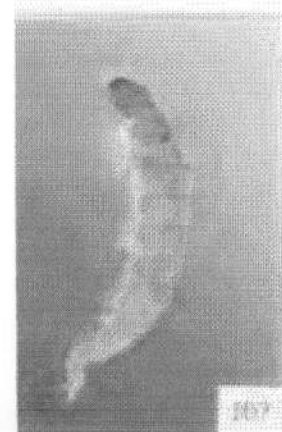
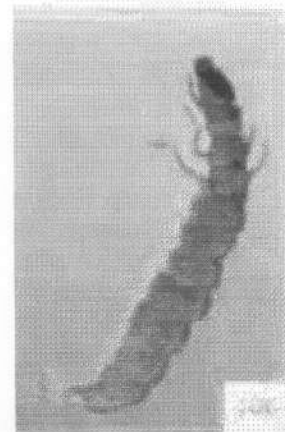
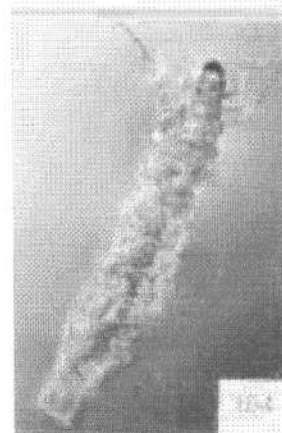
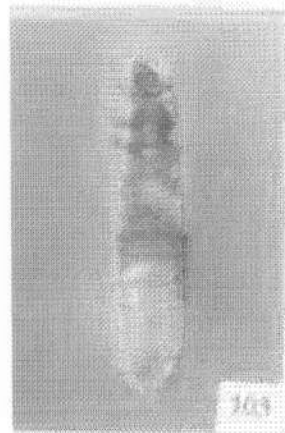
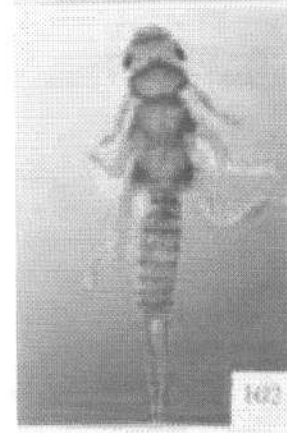
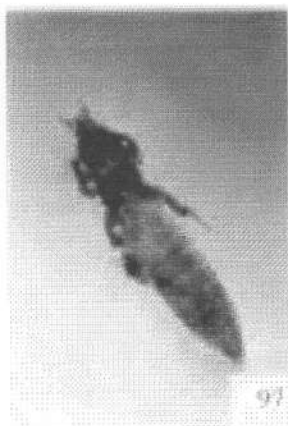


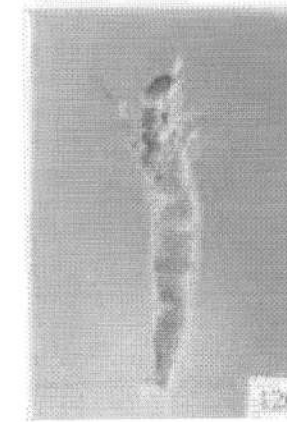
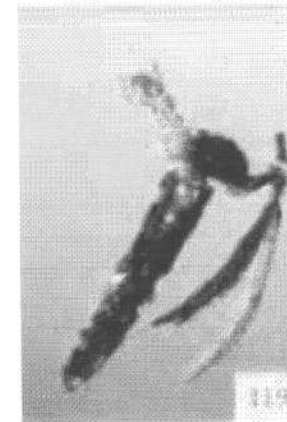
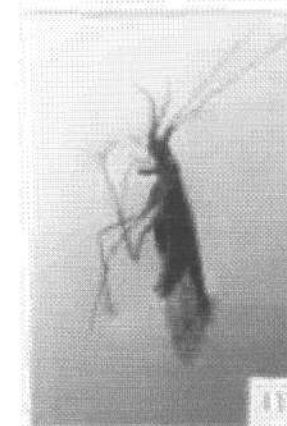
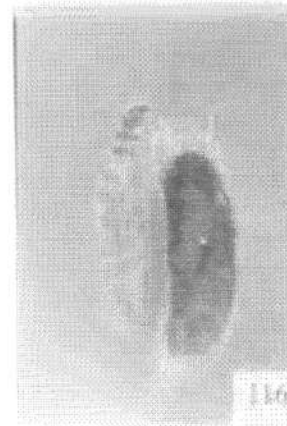
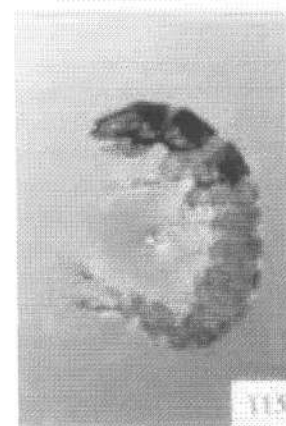
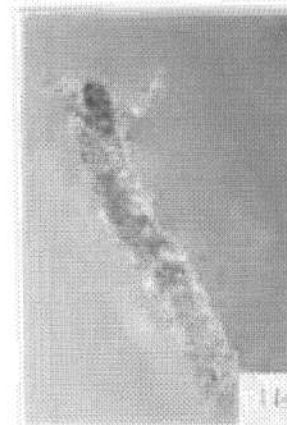
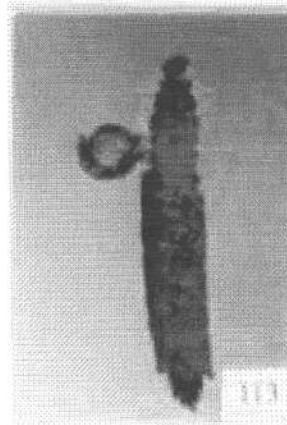
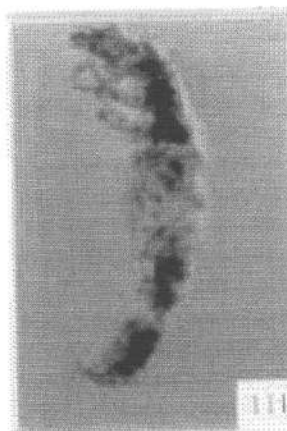
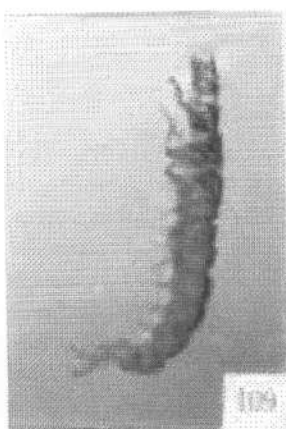


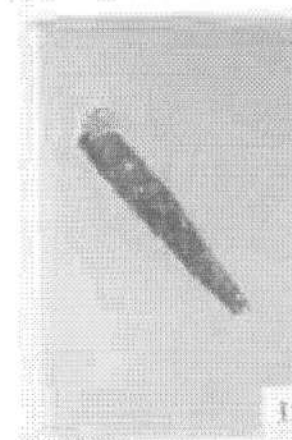
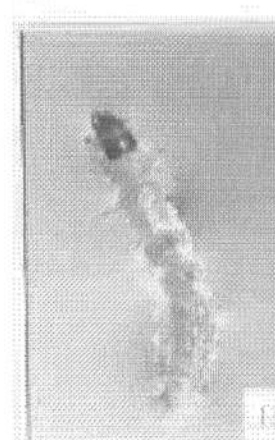
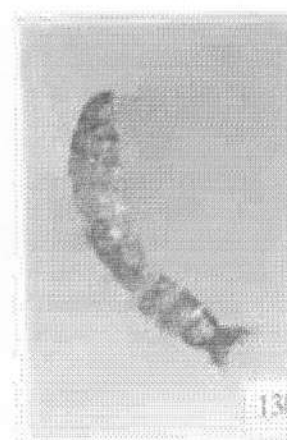
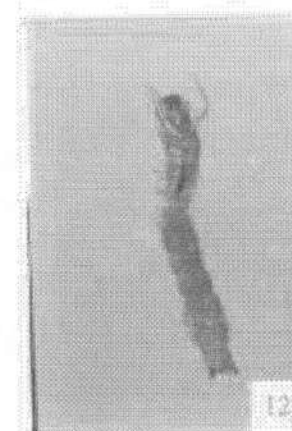
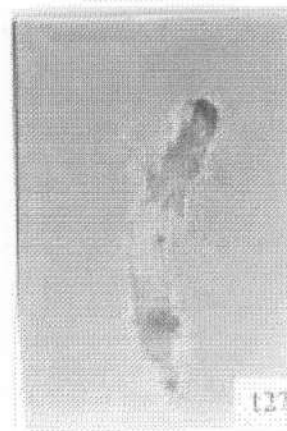
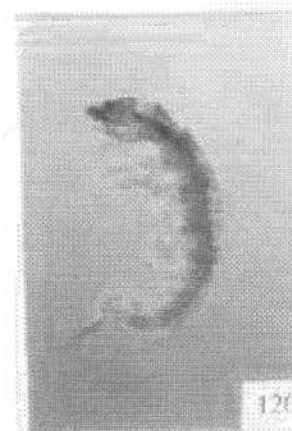
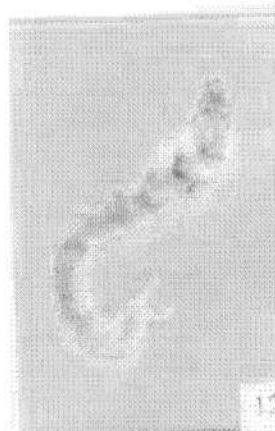
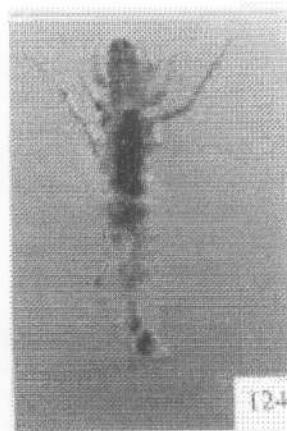
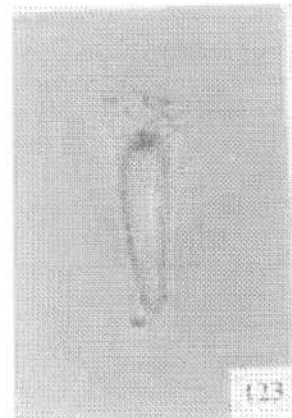
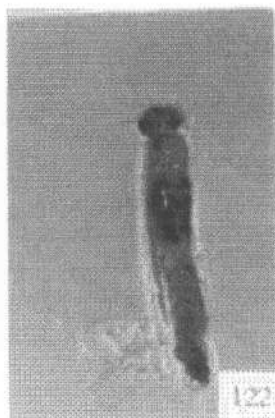
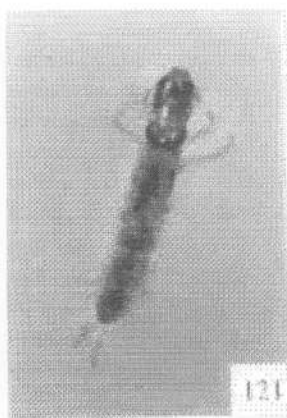


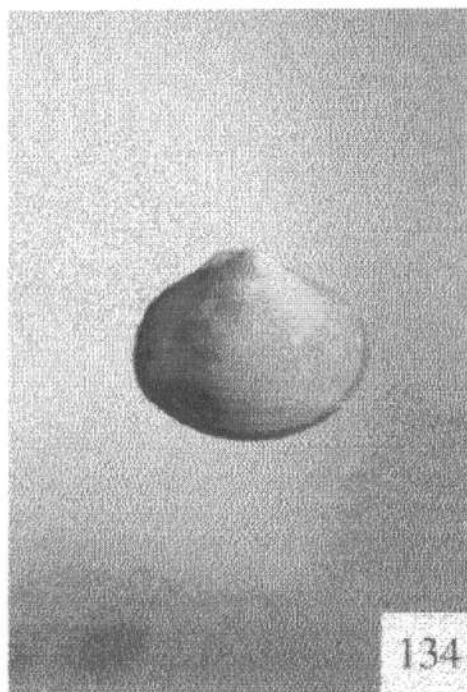
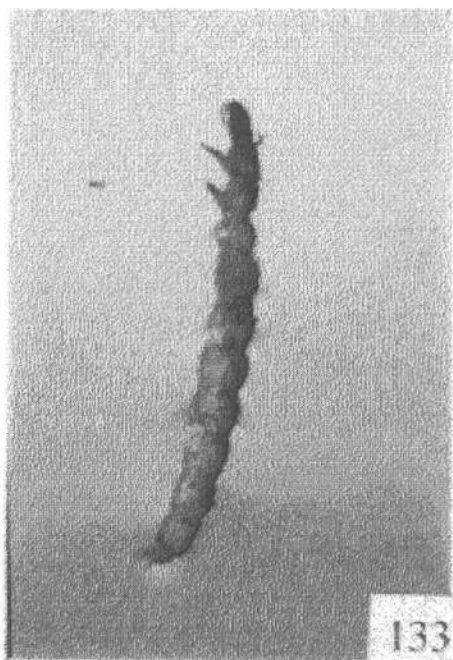












ภาคผนวกที่ 4 ค่าความทนทานต่อคุณภาพสิ่งแวดล้อมของสัตว์ไม่มีกระดูกสันหลังหน้าดินระดับ
วงศ์ (ข้อมูลจาก Hilsenhoff 1988 ยกเว้น * ดัดแปลงมาจาก Lenat 1993 และ
** ดัดแปลงมาจาก Bode 1988)

(ค่าระหว่าง 0-10 คือค่าคะแนนที่แสดงความทนทานของสัตว์ไม่มีกระดูกสันหลังหน้าดินในระดับวงศ์
โดยค่าคะแนนต่ำหมายถึงมีความทนทานต่ำและค่าคะแนนที่สูงหมายถึงมีความทนทานที่สูง)

Plecoptera

Capniidae	1
Chloroperlidae	1
Leuctridae	0
Nemouridae	2
Perlidae	1
Perlodidae	2
Pteronarcyidae	0
Taeniopterygidae	2

Ephemeroptera

Baetidae	4
Baetiscidae	3
Caenidae	7
Ephemerellidae	1
Ephemeridae	4
Heptageniidae	4
Leptophlebiidae	2
Metretopodidae	2
Oligoneuridae	2
Polymitacyidae	2
Potamanthidae	4
Siphonuridae	7
Trichorythidae	4

Trichoptera

Brachycentridae	1
Calamoceratidae*	3
Glossosomatidae	0
Helicopsychidae	3
Hydropsychidae	4
Hydroptilidae	4
Lepidostomatidae	1
Leptoceridae	4
Limnephilidae	4
Molanidae	6
Odontoceridae	0
Philopotamidae	3
Phryganeidae	4
Polycentropodidae	6
Psychomyidae	2
Rhyacophilidae	0
Sericostomatidae	3
Uenoidae	3

Megaloptera

Corydalidae	0
Sialidae	4

Lepidoptera		Simuliidae	6
Pyralidae	3	Muscidae	6
		Syrphidae	10
Odonata		Tabanidae	6
Aeshnidae	3	Tipulidae	3
Calopterygidae	5		
Coenagrionidae	9	Amphipoda**	
Cordulegastridae	3	Gammaridae	4
Corduliidae	5	Talitridae	8
Gomphidae	1		
Lestidae	9	Isopoda**	
Libellulidae	3	Asellidae	8
Macromiidae	3	Acarifomes**	8
		Decapoda**	6
Coleoptera		Mollusca**	
Dryopidae	5	Lymnaeidae	6
Elmidae	4	Physidae	8
Psephenidae	4	Sphaeridae	8
Diptera		Oligocheta**	8
Athericidae	2		
Blepharoceridae	0	Hirudinae**	
Ceratopogonidae	6	Bdellidae	10
Blood-red	8		
Empididae	6	Turbellaria**	
Ephydriidae	6	Platyhelminthidae	4
Psychodidae	10		