

Supplementary data

Faunal Diversity and the Ecological Aspects of a Community-Based Fragmented Lowland Rainforest Patch in Western Province, Sri Lanka

Table S1. List of amphibian species recorded from WRR

Species name	Common name	Global IUCN status
Family: Ranidae		
1 <i>Hylarana gracilis</i>	Gravenhorst's frog	LC
2 <i>Hylarana temporalis</i>	Günther's golden-backed frog	VU
3 <i>Hylarana serendipi</i>	Sri Lankan golden-backed frog	VU
Family: Rhacophoridae		
4 <i>Polypedates cruciger</i>	Common hour-glass tree-frog	LC
5 <i>Pseudophilautus folicola</i>	Leaf-dwelling shrub frog	VU
6 <i>Pseudophilautus popularis</i>	Common shrub frog	VU
7 <i>Pseudophilautus stictomerus</i>	Orange-canthal shrub frog	VU
8 <i>Pseudophilautus schneideri</i>	Schneider's shrub frog	VU
9 <i>Nannophrys ceylonensis</i>	Sri Lankan rock frog	VU
Family: Dicroglossidae		
10 <i>Minervarya kirtisinghei</i>	Kirtisinghe's frog	NT
Family: Bufonidae		
11 <i>Duttaphrynus melanostictus</i>	Asian common toad	LC

Remark: CR-Critically Endangered, EN-Endangered, VU-Vulnerable, NT-Near Threaten, DD-Data Deficient, NE-Not Evaluated, Migration-Superscript^M

Table S2. List of reptiles recorded from WRR

Species name	Common name	Global IUCN status
Family: Bataguridae		
1 <i>Melanochelys trijuga</i>	Black turtle	LC
Family: Agamidae		
2 <i>Calotes liolepis</i>	Sri Lanka agama	LC
3 <i>Calotes calotes</i>	Common green forest lizard	LC
4 <i>Calotes versicolor</i>	Changeable lizard	LC
5 <i>Otocryptis wiegmanni</i>	Wiegmann's agama	LC
Family: Varanidae		
6 <i>Varanus bengalensis</i>	Land monitor	LC
7 <i>Varanus salvator</i>	Water monitor	LC
Family: Colubridae		
8 <i>Fowlea piscator</i>	Checkered keelback	LC
9 <i>Fowlea asperimus</i>	Sri Lankan keelback	LC
10 <i>Ahaetulla nasuta</i>	Sri Lankan green vine snake	LC
11 <i>Lycodon fasciolatus</i>	Flowery wolf snake	LC
12 <i>Lycodon aulicus</i>	Common wolf snake	LC
13 <i>Lycodon carinatus</i>	Sri Lankan wolf snake	EN
14 <i>Oligodon sublineatus</i>	Dumeril's kukri snake	VU
15 <i>Oligodon arnensis</i>	Common kukri snake	VU
16 <i>Atretium schistosum</i>	Olive keelback	LC
17 <i>Boiga ceylonensis</i>	Sri Lanka cat snake	LC
18 <i>Boiga ranawanei</i>	Ranawane's cat snake	DD

Table S2. List of reptiles recorded from WRR (cont.)

Species name	Common name	Global IUCN status
Family: Pythonidae		
19 <i>Python molurus</i>	Indian rock python	NT
Family: Natricidae		
20 <i>Aspidura guentheri</i>	Gunther's rough sided snake	VU
Family: Elapidae		
21 <i>Naja naja</i>	Indian cobra	LC
22 <i>Bungarus ceylonicus</i>	Ceylon krait	NT
Family: Viperidae		
23 <i>Hypnale zara</i>	Lowland hump nosed pit viper	NT
24 <i>Daboia russelii</i>	Russel's viper	LC
25 <i>Hypnale hypnale</i>	Merrem's hump nosed pit viper	LC
26 <i>Peltopelor trigonocephalus</i>	Ceylon green pit viper	LC
Family: Cyliodrophiidae		
27 <i>Cylindrophis maculatus</i>	Ceylonese cylinder snake	VU
Family: Gekkonidae		
28 <i>Cnemaspis pava</i>	-	NT
29 <i>Cnemaspis tropidogaster</i>	Rough-bellied day gecko	CR
30 <i>Hemidactylus depressus</i>	Sri Lanka leaf-nosed gecko	LC
31 <i>Hemidactylus parvimaculatus</i>	Spotted house gecko	LC
Family: Scincidae		
32 <i>Lankascincus fallax</i>	Common supple skink	LC
33 <i>Lankascincus dorsicatenatus</i>	Catenated lanka skink	LC

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Table S3. List of freshwater fish recorded from WRR

Species name	Common name	Global IUCN status
Family: Cyprinidae		
1 <i>Devario malabaricus</i>	Giant danio	LC
2 <i>Plesiopuntius bimaculatus</i>	Red side barb	LC
3 <i>Rohanella titeya</i>	Sri Lankan cherry barb	VU
4 <i>Puntius kelumi</i>	Sri Lanka redeye barb	EN
5 <i>Puntius dorsalis</i>	Long-snouted barb	LC
Family: Channidae		
6 <i>Channa orientalis</i>	Smooth-breasted snakehead	VU
7 <i>Channa kelaartii</i>	Brown snakehead	NT
Family: Nemacheilidae		
8 <i>Schistura notostigma</i>	Banded mountain loach	NT
Family: Aplocheilidae		
9 <i>Aplocheilus dayi</i>	Day's killifish	EN
Family: Heteropneustidae		
10 <i>Heteropneustes fossilis</i>	Stinging catfish	LC
Family: Osphronemidae		
11 <i>Belontia signata</i>	Combtail	VU
12 <i>Osphronemus goramy</i>	Giant gourami	LC
Family: Cichlidae		
13 <i>Oreochromis mossambicus</i>	Mozambique tilapia	VU

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Table S4. List of mammals recorded from WRR

Species name	Common name	Global IUCN status
Family: Cercopithecidae		
1 <i>Macaca sinica</i>	Sri Lanka toque monkey	EN
2 <i>Semnopithecus vetulus</i> ssp. <i>nestor</i>	Western purple faced langur	CR
Family: Herpestidae		
3 <i>Herpestes edwardsii</i>	Grey mongoose	LC
Family: Viverridae		
4 <i>Paradoxurus zeylonensis</i>	Golden palm civet	LC
Family: Sciuridae		
5 <i>Ratufa macroura</i>	Sri Lankan giant squirrel	NT
6 <i>Funambulus palmarum</i>	Palm squirrel	LC
Family: Lorisidae		
7 <i>Loris tardigradus</i>	Red slender loris	EN
Family: Felidae		
8 <i>Prionailurus rubiginosus</i>	Rusty-spotted cat	NT
Family: Suidae		
9 <i>Sus scrofa</i>	Wild boar	LC
Family: Megadermatidae		
10 <i>Megaderma spasma</i>	Lesser false vampire	LC

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Table S5. List of butterflies recorded from WRR

Species name	Common name	Global IUCN Status
Family: Papilionidae		
1 <i>Graphium agamemnon</i>	Tailed jay	LC
2 <i>Pachliopta aristolochiae</i>	Common rose	LC
3 <i>Pachliopta jophon</i>	Ceylon rose	EN
4 <i>Troides darsius</i>	Sri Lankan birdwing	LC
5 <i>Papilio polytes</i>	Common mormon	LC
6 <i>Papilio polymnestor</i>	Blue mormon	LC
Family: Pieridae		
7 <i>Catopsilia pomona</i>	Lemon emigrant	NE
8 <i>Catopsilia pyranthe</i>	Mottled emigrant	NE
Family: Nymphalidae		
9 <i>Cethosia nietneri</i>	Ceylon lace wing	NE
10 <i>Euploea core</i>	Common Indian crow	LC
11 <i>Kaniska canace</i>	Blue admiral	NE
12 <i>Ypthima ceylonica</i>	White four-ring	NE
13 <i>Vindula erota</i>	Cruiser	NE
14 <i>Tirumala limniace</i>	Blue tiger	NE
15 <i>Parthenos sylvia</i>	Clipper	NE
16 <i>Parantica aglea</i>	Glassy tiger	NE
17 <i>Orsotriaena medus</i>	Medus brown	NE
18 <i>Neptis hylas</i>	Common sailor	NE
19 <i>Melanitis leda</i>	Common evening brown	LC
20 <i>Hypolimnas bolina</i>	Great eggfly	NE

Table S5. List of butterflies recorded from WRR (cont.)

Species name	Common name	Global IUCN Status
Family: Lycaenidae		
21 <i>Caleta decidia</i>	Angled pierrot	NE
22 <i>Jamides celeno</i>	Common cerulean	NE

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Table S6. List of dragonflies recorded from WRR

Species name	Common name	Global IUCN status
Family: Lestidae		
1 <i>Lestes praemorsus</i>	Scalloped spreadwing	LC
Family: Libellulidae		
2 <i>Orthetrum chrysis</i>	Spine-tufted skimmer	LC
3 <i>Orthetrum pruinosum</i>	Pink skimmer	LC
4 <i>Orthetrum sabina</i>	Green skimmer	LC
5 <i>Indothemis carnatica</i>	Light-tipped demon	LC
6 <i>Trithemis festiva</i>	Indigo dropwing	LC
7 <i>Trithemis aurora</i>	Crimson dropwing	LC
Family: Platycnemididae		
8 <i>Copera marginipes</i>	Yellow featherleg	LC
Family: Gomphidae		
9 <i>Ictinogomphus rapax</i>	Rapacious flangetail	LC
Family: Coenagrionidae		
10 <i>Pseudagrion rubriceps</i> ssp. <i>ceyonicum</i>	Sri Lanka orange-faced sprite	LC
11 <i>Platysticta apicalis</i>	Dark forestdamselfly	VU

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Table S7. List of land snails recorded from WRR

Species name	Common name	Global IUCN status
Family: Acavidae		
1 <i>Acavus superbus</i>	Superb lustful snail	NE
2 <i>Acavus phoenix</i>	Arabian lustful snail	NE
Family: Ariophantidae		
3 <i>Ariophanta chenui</i>	-	NE

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Table S8. List of birds recorded from WRR

Species name	Common name	Global IUCN status
Family: Picidae		
1 <i>Dinopium benghalense</i>	Black-rumped flameback	LC
2 <i>Picoides nanus</i>	Brown-capped woodpecker	LC
3 <i>Leiopicus mahrattensis</i>	Yellow-crowned woodpecker	LC
Family: Ramphastidae		
4 <i>Psilopogon zeylanicus</i>	Brown-headed barbet	LC
5 <i>Psilopogon flavifrons</i>	Sri Lanka yellow-fronted barbet	LC
6 <i>Psilopogon rubricapillus</i>	Crimson-fronted barbet	LC
Family: Bucerotidae		
7 <i>Ocyrceros gingalensis</i>	Sri Lanka grey hornbill	LC

Table S8. List of birds recorded from WRR (cont.)

Species name	Common name	Global IUCN status
Family: Alcedinidae		
8 <i>Alcedo atthis</i>	Common kingfisher	LC
9 <i>Halcyon smyrnensis</i>	White-throated kingfisher	LC
10 <i>Ceyx erithaca</i>	Black-backed kingfisher	NT
11 <i>Pelargopsis capensis</i>	Stork-billed kingfisher	LC
Family: Meropidae		
12 <i>Merops leschenaulti</i>	Chestnut-headed Beeeater	LC
Family: Cuculidae		
13 <i>Eudynamys scolopaceus</i>	Asian koel	LC
14 <i>Centropus sinensis</i>	Greater coucal	LC
Family: Psittacidae		
15 <i>Loriculus beryllinus</i>	Sri Lanka hanging parrot	LC
16 <i>Alexandrinus krameri</i>	Rose-ringed parakeet	LC
Family: Apodidae		
17 <i>Aerodramus unicolor</i>	Indian swiftlet	LC
Family: Tytonidae		
18 <i>Ketupa zeylonensis</i>	Brown fish-owl	LC
Family: Columbidae		
19 <i>Stigmatopelia chinensis</i>	Spotted dove	LC
20 <i>Chalcophaps indica</i>	Emerald dove	LC
21 <i>Ducula aenea</i>	Green imperial-pigeon	NT
Family: Ardeidae		
22 <i>Ardeola grayii</i>	Indian pond-heron	LC
Family: Accipitridae		
23 <i>Pernis ptilorhynchus</i>	Oriental honey buzzard	LC
24 <i>Haliastur indus</i>	Brahminy kite	LC
25 <i>Spilornis cheela</i>	Crested serpent-eagle	LC
Family: Rallidae		
26 <i>Amaurornis phoenicurus</i>	White-breasted waterhen	LC
Family: Phalacrocoracidae		
27 <i>Microcarbo niger</i>	Little cormorant	LC
Family: Chloropseidae		
28 <i>Chloropsis jerdoni</i>	Jerdon's leafbird	LC
29 <i>Chloropsis aurifrons</i>	Golden fronted leafbird	LC
Family: Corvidae		
30 <i>Corvus macrorhynchos</i>	Jungle crow	LC
Family: Oriolidae		
31 <i>Oriolus xanthornus</i>	Black hooded oriole	LC
Family: Campephagidae		
32 <i>Lalage melanoptera</i>	Black headed cuckooshrike	LC
33 <i>Pericrocotus cinnamomeus</i>	Small minivet	LC
34 <i>Pericrocotus flammeus</i>	Scarlet minivet	LC
35 <i>Hemipus picatus</i>	Bar winged flycatcher shrike	LC

Table S8. List of birds recorded from WRR (cont.)

Species name	Common name	Global IUCN status
Family: Rhipiduridae		
36 <i>Rhipidura aureola</i>	White browed fantail	LC
Family: Dicruridae		
37 <i>Dicrurus caerulescens</i>	White bellied drongo	LC
Family: Monarchiidae		
38 <i>Hypothymis azurea</i>	Black naped monarch	LC
39 <i>Terpsiphone paradisi</i>	Asian paradise flycatcher	LC
Family: Aegithinidae		
40 <i>Aegithina tiphia</i>	Common iora	LC
Family: Muscipidae		
41 <i>Cyornis tickelliae</i>	Tickell's blue flycatcher	LC
42 <i>Copsychus saularis</i>	Oriental magpie robin	LC
43 <i>Muscicapa muttui</i> ^M	Brown breasted flycatcher	LC
44 <i>Muscicapa dauurica</i> ^M	Asian brown flycatcher	LC
Family: Sturnidae		
45 <i>Acridotheres tristis</i>	Common myna	LC
46 <i>Gracula religiosa</i>	Hill myna	LC
Family: Sittidae		
47 <i>Sitta frontalis</i>	Velvet fronted nuthatch	LC
Family: Pycnonotidae		
48 <i>Rubigula melanicterus</i>	Black crested bulbul	LC
49 <i>Pycnonotus cafer</i>	Red vented bulbul	LC
50 <i>Acritillas indica</i>	Yellow browed bulbul	LC
51 <i>Hypsipetes leucocephalus</i>	Asian black bulbul	LC
52 <i>Pycnonotus luteolus</i>	White browed bulbul	LC
Family: Zosteropidae		
53 <i>Zosterops palpebrosus</i>	Oriental white eye	LC
Family: Sylviidae		
54 <i>Orthotomus sutorius</i>	Common tailorbird	LC
Family: Timaliidae		
55 <i>Pellorneum fuscicapillus</i>	Sri Lanka brown capped babbler	LC
56 <i>Dumetia atriceps</i>	Dark fronted babbler	LC
57 <i>Argya affinis</i>	Yellow billed babbler	LC
58 <i>Dumetia hyperythra</i>	Tawny-bellied babbler	LC
Family: Dicaeidae		
59 <i>Dicaeum erythrorhynchos</i>	Pale billed flowerpecker	LC
Family: Nectariniidae		
60 <i>Leptocoma zeylonica</i>	Purple rumped sunbird	LC
61 <i>Cinnyris lotenia</i>	Long billed sunbird	LC
Family: Estrildidae		
62 <i>Lonchura striata</i>	White rumped munia	LC
Family: Pittidae		
63 <i>Pitta brachyuran</i> ^M	Indian pitta	LC

Table S8. List of birds recorded from WRR (cont.)

Species name	Common name	Global IUCN Status
Family: Phylloscopidae		
64 <i>Phylloscopus trochiloides</i> ^M	Greenish warbler	LC
Family: Laniidae		
65 <i>Lanius cristatus</i> ^M	Brown shrike	LC
Family: Strigidae		
66 <i>Ninox scutulata</i>	Brown hawk owl	LC
67 <i>Otus bakkamoena</i>	Collared scops-owl	LC
68 <i>Bubo nipalensis</i>	Forest eagle owl	LC

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