

# Riverine Habitat Audit Procedure -- SHEET 10 Aquatic Habitat

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J. Anderson

Recorder

Date (dd/mm/yy) / /

Tributary Name




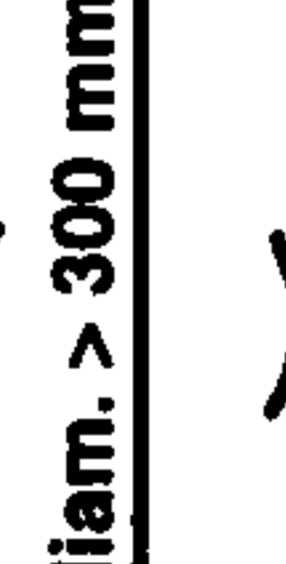
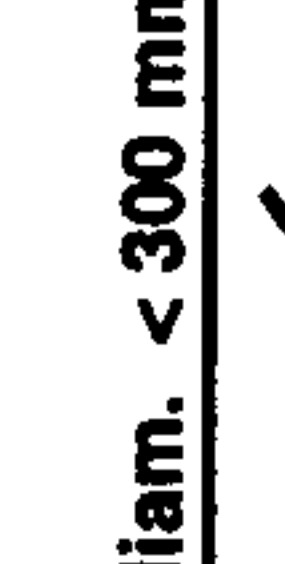




Basin  Sub-section  Site




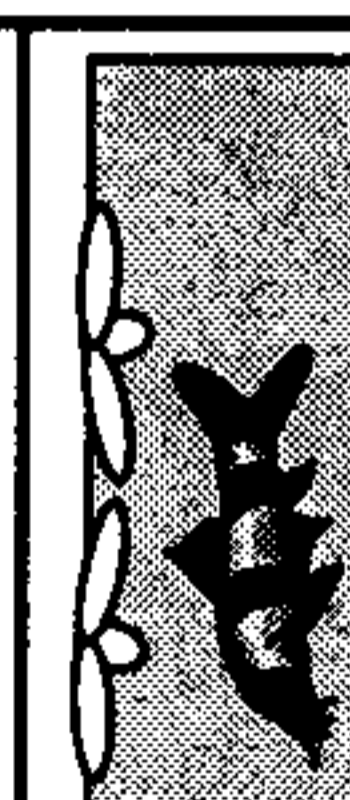

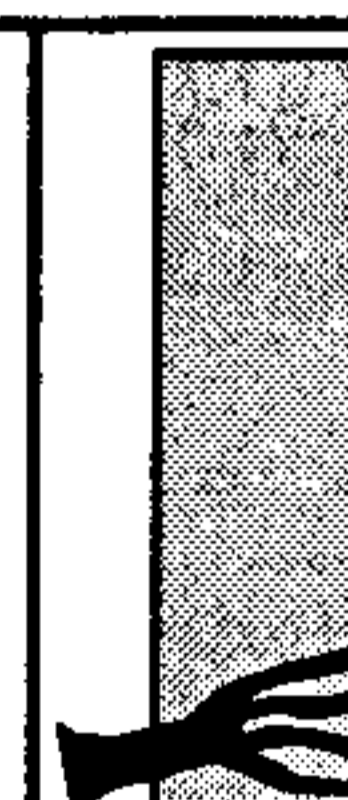

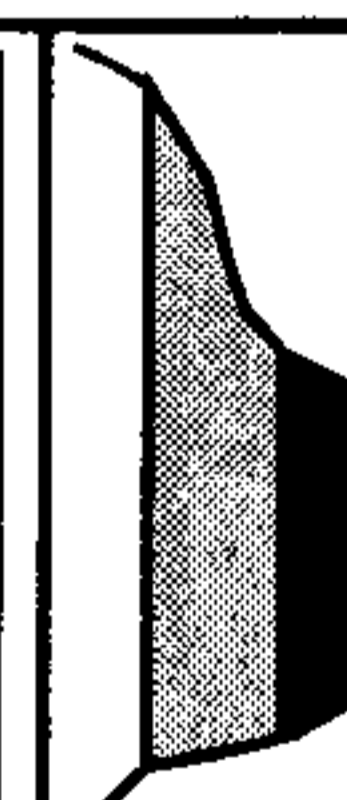

SITE CODE





Assessment is made in terms of the % cover of the surface area for the zone specified for each type.

Water too turbid to estimate pres. only recorded

## INSTREAM DEBRIS COVER

 diam. > 250 mm	Individual log patches ( record No.) <input type="checkbox"/> <input type="checkbox"/> % bed cover
 diam. > 300 mm	Log jam < 50% dense patches <input type="checkbox"/> <input type="checkbox"/> % bed cover
 diam. > 300 mm	Log jam > 50% dense patches <input type="checkbox"/> <input type="checkbox"/> % bed cover
 diam. < 300 mm	Individual Branch patches <input type="checkbox"/> <input type="checkbox"/> % bed cover
 diam. < 300 mm	Branch pile < 50% dense patches <input type="checkbox"/> <input type="checkbox"/> % bed cover
 diam. < 300 mm	Branch pile > 50% dense patches <input type="checkbox"/> <input type="checkbox"/> % bed cover
 diam. < 300 mm	Terrestrial leaves & twigs patches <input type="checkbox"/> <input type="checkbox"/> % bed cover
	Macrophyte Fragments patches <input type="checkbox"/> <input type="checkbox"/> % bed cover
	Algal clumps and debris patches <input type="checkbox"/> <input type="checkbox"/> % bed cover

	Large / deep submerged Veg. patches <input type="checkbox"/> <input type="checkbox"/> % bed cover
	Large / deep submerged Veg. patches <input type="checkbox"/> <input type="checkbox"/> % bed cover
	Mangroves patches <input type="checkbox"/> <input type="checkbox"/> % bed cover
	Large patches of Floating Veg. patches <input type="checkbox"/> <input type="checkbox"/> % bed cover
	Emergents perm. water > 0.5 m deep patches <input type="checkbox"/> <input type="checkbox"/> % bed cover
	Tree Roots patches <input type="checkbox"/> <input type="checkbox"/> % bed cover
	Rock faces, boulders, cobbles patches <input type="checkbox"/> <input type="checkbox"/> % bed cover
	Perm. pool hab. deeper than 1 m patches <input type="checkbox"/> <input type="checkbox"/> % bed cover
	Man-made structures and debris patches <input type="checkbox"/> <input type="checkbox"/> % bed cover

	5 % cover		10 % cover		15 % cover		25 % cover
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Record the number of patches of each type present, and % cover or presence

'1' = presence only record  
'-99' = not assessed  
'0' = absent

Combining all the assessment items and the general signs at the site, give it an overall rating for fish, invertebrates, birds & mammals.

<b>GOOD</b> 3	* mod. diverse of depths & substrates * little disturbance * good diversity of cover * moderate canopy & other veg. cover
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## LEFT BANK

% bank length type present  
  Est. Av. width (m)

% bank length type present  
  Est. Av. width (m)

% bank length type present  
  Est. Av. width (m)

% bank length type present  
  Est. Av. width (m)

% bank length type present  
  Est. Av. width (m)

### OVERALL AQUATIC RATING FOR ALL AQUATIC LIFE

<b>VERY HIGH / PRISTINE</b> 1	* high diversity of depths and substrates * little or no disturbance * abundant and diverse cover * excellent vegetation cover
<b>POOR</b> 4	* low diversity of depths and substrates * moderate disturbance * low diversity of cover * poor canopy & other veg. cover

## RIGHT BANK

% bank length type present  
  Est. Av. width (m)

% bank length type present  
  Est. Av. width (m)

% bank length type present  
  Est. Av. width (m)

% bank length type present  
  Est. Av. width (m)

% bank length type present  
  Est. Av. width (m)

<b>HIGH</b> 1	* high diversity of depths and substrates * little disturbance * high diversity of cover * excellent canopy & other veg. cover
<b>VERY POOR</b> 5	* no diversity of depths and substrates * high disturbance * no cover or low diversity * no canopy cover, other cover poor

