## Living Things

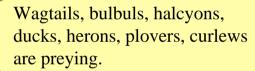
### Living Things Identified by HSC



White-wagtails, bulbuls and so on are preying.

There are turtledoves, pigeons, bulbuls, starlings, tits, white-eyes, bush warblers, crows, sparrows, red starts, wood peckers, and so on.

Ducks, sea-gulls, cormorants, herons are flying.





Ducks, cormorants, seagulls are preying.

Reeds

Freshwater minnow, Carps, Catfishes, Gambusias, Largemouth basses, mullets and so on

Soft-shelled turtles, Redeared sliders, and so on Prawns, crayfishes, Japanese mitten crabs and so on

There are some areas Waterweeds breeding.



#### The scene of waterfront

Meoto Bridge to the Sanage Bridge



The Sanage Bridge



There are a lot of trees (Japanese There are some drops.

Tabata Bridge to the Jyohoku Bridge



There are reed beds at right bank.

Johoku Bridge to the Nakadoto Bridge

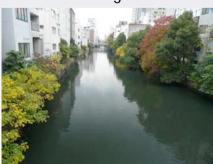


There are a lot of trees (Japanese cherry etc.) on either bank.

There are various surroundings of river

cherry etc.) on either bank.

Upstream of the Nishiki Bridge



Forested riverside

Matsue lockage



Wide stream area

Sannou Bridge to Binya Bridge



There are a lot of logs.

Binya Bridge to downstream



Wide stream area

### The scene of waterfront / The condition of waterweed



Motoirihimonn downstream



Sanage bridge to Siga bridge



Johoku bridge



Sakae bridge downstream



Water park



Nakadoto bridge to Horibata bridge



Meoto bridge to Sanage bridge



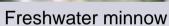
Tabata bridge to Jyouhoku bridge



Horibata bridge downstream

## Fishes living in the Horikawa River







Carp



Largemouth bass



Catfish



Gambusia



Mullet

## Prawns & Crabs living in the Horikawa River



Prawns



Crayfish



Japanese mitten crab

## Japanese Giant Salamander observed in the Horikawa River in 2006



Japanese Giant Salamander

## Turtles living in the Horikawa River



Soft-shelled turtle



Red-eared slider

## Birds living in the Horikawa River (waterside)



Gray-wagtail



Japanese-wagtail



Sea-bulbul



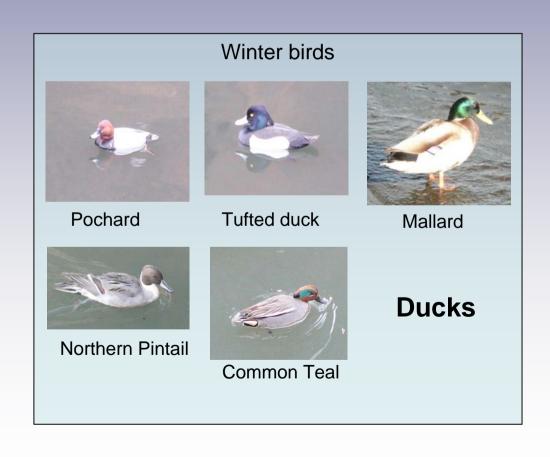
White-wagtail

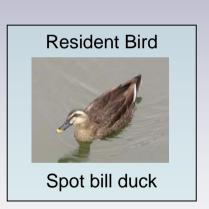
## Birds living in the Horikawa Rive (waterside & surface)



Halcyon

## Birds living in the Horikawa River (waterside & surface)





### Birds living in the Horikawa River (waterside)

#### **Group of Heron**



Little Egret



Night Heron



**Gray Heron** 

## Birds living in the Horikawa River (waterside & surface)

#### **Group of Seagull**



**Brown-hooded Gull** 

#### **Group of Cormorant**



**Common Cormorant** 

# Birds living in the Horikawa River (waterside)

**Group of Snipe** 



### Birds living in the Horikawa River (mainly in a tree)

Turtledove, Dove, Bulbul, Gray Starling, Great Tit, White-eye, Bush Warbler, Crow, Sparrow, Redstart, etc.



**Turtledove** 



**Gray Starling** 

### Sessile Organisms in Estuarine Basin



Barnacle and Algae were stuck to JR line bridge pier.



Group of Bivalve and Algae were stuck to moored woods.

And Gray Mullets inhabited there.

