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Periyar turns black near Pathalam bund

The Hindu Bureau

KOCHI

The Periyar river turned black near the Pathalam bund on Friday as local residents and greens expressed concern over repeated incidents of discoloration reported along the stretch close to the Eloor-Edayar industrial region.

The dark colour was visible after shutters of the Pathalam bund were opened in the morning. The change in colour was detected along a long stretch following suspected release of waste materials, including chemical effluents that had been lying close to the shutters for nearly three weeks. A foul smell was experienced by residents and workers in the industrial area.

The discolouration of the stretch near the Pathalam bund was the first such incident to be reported in 2024.

Despite repeated incidents, the State Pollution Control Board and the Irrigation department had not been able to ascertain the source of pollution. The Board and the department are yet to confirm whether the change in colour was owing to illegal discharge of effluents from the industrial units.

According to the Periyar Malineekarana Virudha Samithi, the river had changed colour on more than 15 occasions in 2023. An analysis of the discolouration reported in 2022 showed that the river had changed colour on at least seven occasions from July to December.

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For the black-bellied tern, listed as an endangered species, the Chambal River is one of the prime stomping grounds. -- PHOTOS: N SHIVA KUMAF

he is beautifully built with an aerodynamic body, and agile and smooth wings that slice through the air with elegance, sports a black skull cap as if to keep off the sun, has a contrasting white body with black wings and a bizarre beak that is bright reddish-orange. She is the original Bandit Queen with a stift upper lin, in which was been supported by the standard of the standard shambal Sanctuary. I am talking about the endangered bird, the Indian skimmer because there are no more sechrough rivers for these birds to fish competently. Also called the scissors-bill, the Indian skimmer because there are no more sechrough rivers for these birds to fish competently. Also called the scissors-bill, the Indian skimmer, has a bewildering beak, designed by evolution, with a long lower lough the standard by the science of the scissors-bill, the lower lip pout is put to effective use by deftly flying parallel to the water to surp up fish. A specialist feeder, the skimmer needs can gloughing the water to snap up fish. A specialist feeder, the skimmer needs can allow arters of slow-moving rivers like the tranquil Chambal to survive. Regrettably, this spectracular water bride-coming a victum of human activities and its overall numbers are drastically dwindling. Last year, the estimation was less than 3000 surviving individuals in India. However, the scientist involved in the country wide annual count was not willing to reveal the latest statistics. This enigmatic feel List of species.

Silent Super Stream

Silent Super Stream
In the name of 'Holy' rivers, we vehemently pollute the clean waters with the degenerative pouring of pious ingredients and sullage dumping. Thus, creating a unisance to many aquatic denizens that live underwater and live off the clean rivers, like the fish-eating crocodiles—gharials, otters or dolphins, including the

BEING A PERENNIAL RIVER IN AN ARID LANDSCAPE, THE CHAMBAL IS LOOKED UPON AS A SOURCE OF WATER WITHDRAWAL RATHER THAN AN AQUATIC ECOSYSTEM THROBBING WITH NATURAL LIFE

skimmers. Providentially, one and only such large river in the country is the Chambal which is not worshipped as it is historically deemed to be 'unholy'. This is historically deemed to be 'unholy'. This way appeal has been the river plantifier, and the providence of the providence







Community conservation

Home to Species

Home to Species

The National Chambal Sanctuary, demarcated along the Chambal River basin, is the only major home to gharilas, dolphins and skimmers to breed and brood. These three from the Indian landscape in the recent past. It is also a significant habitat where everal globally threatened faunal entities still survive albeit, precariously. Its rich biodiversity is evident from the presence of two species of crocodilians — the fish-charile gharila and mugger, nine species of freshwater turtles, smooth-coated otters, doubt and the species of freshwater turtles, smooth-coated otters, doubt and the species of freshwater turtles, smooth-coated otters, doubt and the species of freshwater turtles, smooth-coated otters, doubt and the species of freshwater turtles, smooth-coated otters, doubt and significant states of the species of freshwater turtles, smooth-coated otters, doubt and significant states of the species of freshwater turtles, smooth-coated otters, doubt and the species of freshwater turtles, smooth-coated otters, doubt and the species of freshwater turtles, smooth-coated otters, doubt and the species of freshwater turtles, smooth-coated otters, doubt and the species of freshwater turtles, smooth-coated otters, doubt and the species of freshwater turtles, smooth-coated otters, doubt and the species of freshwater turtles, smooth-coated otters, doubt and the species of freshwater, and the species o

ONCE DISTRIBUTED ONCE DISTRIBUTED ACROSS THE INDIAN SUBCONTINENT, THERE ARE JUST ABOUT 4,000 SKIMMERS IN INDIA, BANGLADESH, NEPAL AND PAKISTAN

In the Wilderness

In the Wilderness

Another highlight was the fabulous sighting of a rare cancal cat, now thought to be extinct in certain parts of India, with a provel that matches the tiger and leopard in its destertity. It walked alongside our boat on the high river banks, about 700 metres away, and most of the time ignored us. Instead, we savoured its splendid catwalk and its very presence was mesmerising as it was focused on searching for a bite of breakfast. We also explored the deep guiltean services are supported by the control of the

landscape, dotted with barren mud hillocks and thorny scrub jungle, spreads no both sides of the highway, the seemingly wasteland scrub cover thickening in the distance. From the highway, a few signs of human settlement can be spotted within the ravines. "At one time, the within the ravines. "At one time, the dacoit gangs and we heard many stories about their Robin Hood activities. Nowadays there are no dacoits in Chambal, only their folklore," says as shop owner on the Agra-Gwalior highway.

Many Threats

Many Threats
Today, the charismatic Chambal, once regarded as wastelands, faces severe threats on several fronts. The river is being impacted by increasing construction and diversion of water, leading to erratic flow and degradation of the aquatic ecosystem. According to available documents, there considers that the construction of the appart of the construction of the appart of the construction and nearly 400 migral in the Chambal River Basin. If this is not enough, over 50 irrigation projects are under construction and nearly 400 projects proposed as per published dossiers. Being a perennial river in an arid landscape, sadly, it is looked upon as a source of water withdrawal rather than a source of water withdrawal rather than a throbbing with natural life.

There are several other threats, including riverbank farming, massive sand mining, poaching, illegal fishing and unruly riverside and riverbed cultivation within the sanctuary. The biodiversity values and threats to the Chambal biodiversity values and threats to the Chambal biodiversity been considered the protected of the Protected Area having been established since the late 1970s. This

emphasises the need for greater awareness about the river for its numerous economic benefits and ecological values.

Dr Asad Rahmani, who was the Director of the Bombay Natural History Society (IRNHs) from 1997 to 2015 and also served as a member of the National Board for discounties of the National Board for India have to wake up to the reality of major threats facing the National Chambal Sanctuary, particularly massive mining of anisotherase stacing the National Chambal Sanctuary, particularly massive mining of sand-banks, and-bars and sand-spits as they are significant resting and breeding sites for the gharial mugger, fresh-water turtles, and ground-nesting birds like India and the National Highway connecting Agra to Cwalior, making these sites easily accessible for exploitation for sand mining. Removal of sand along Asian rivers to supply construction projects, involving the use of large earth moving equipment, has accelerated over the past two decades."

The ghardi population experienced in the National Highway connecting Agra to Cwalior, making these sites easily accessible for exploitation for sand mining. Removal of sand along Asian rivers to supply construction projects, involving the use of large earth moving equipment, has accelerated over the past two decades."

The ghardi population experienced, and the second, the unexplained winter die-off of 2007-08. The causes of population collapses are yet to be conclusively determined, but these incidents did highlight the need for an immediate evaluation of management actions and better-coordination for the past two parts and the desired restors and management measures did not yield the desired restors and management and Condination Committee on 7 January 2011.

THE NATIONAL CHAMBAL SANCTUARY, DEMARCATED ALONG THE CHAMBAL RIVER BASIN, IS THE ONLY MAJOR HOME TO GHARIALS, DOLPHINS AND SKIMMERS

This was constituted as a three-tier decentralised coordination mechanism to
and recovery of the critically endangered
abarial, in its natural habitat in the Chamand recovery of the critically endangered
abarial, in its natural habitat in the Chamball. The 2012 meeting concluded with the
development of the 10-year management
plan and funds allocation to the States.
The next management plan for another 10
years is being developed and needs to be
set in motion, as this is the only tri-State
managed Protected Area in India that envoluges a longification of the mega
and the states of the states of the states.
More than 400 species of plants and
herbs, 308 bird species, 147 varieties of
fish and 56 reptiles have been recorded
during various surveys in the past four
decades conducted by the Wildlife Institute of India, BNHS and the World
Wildlife Fund apart from NGOs and respective State forest departments. This
proves the integral value of the Chan attention both by the Central and State govermments, says BC Choudhury, a wildlife
professional adviser.
He emphasies that "While the investigative methodologies and field survey
sust continue, to establish a more profound plan to save the NGS, it is essential
that the landscape and riverscape of
Chambal are at least kept in a state, a
that the landscape and riverscape of
Chambal are at least kept in a state, or
recorded around 1700 gharials, 400 muggers and about 70 dolphins, a sure indicarecorded around 1700 gharials, 400 muggers and about 70 dolphins, a sure indicaprisine environment that surviveis in this
desolate terrain so that the multitude of
forea and finana also thrive."

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