Biodiversity and conservation of sasthamkotta fresh water lake of kerala

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What is the Speciality of sasthamkotta lake? The lake has a capacity to hold 22390 million litres of water and serves as the source of drinking water for half a million people of Kollam district. The purity of the lake water for drinking use is attributed to the presence of large population of larva called cavaborus that consumes bacteria in the lake water.

What is the biodiversity of Kerala? Approximately 22% of overall biodiversity in India is found in Kerala. There are five national parks and 14 sanctuaries in Kerala, which encompasses 6% of the state's land. "Land of Spices" is the colourful moniker given to Kerala.

Which is the purest water lake in Kerala? Sasthamcotta Lake or Sasthamkotta Lake, also categorized as a wetland, is the largest fresh water lake in Kerala, a state of India on the south of the West Coast. The lake is named after the ancient Sastha temple (a pilgrimage centre) located on its bank.

Which is the second freshwater lake in Kerala? Vellayani Lake, or Vellayani Kayal, is the second largest freshwater lake in the state of Kerala and is situated in Thiruvananthapuram, Kerala, India. In ancient times, boats laden with goods used to navigate the Vellayani backwaters up to Chala.

What are the threats to the sasthamkotta lake? Littering of plastics and domestic sewage discharge in the lake are reported. The human intervention in the lake catchment is leading to high sedimentation and siltation which will lead to reduction in lake storage.

Which lake is known as queen of lakes in Kerala? Sasthamkotta lake which is known as the the Queen of Lakes is located 29 km from Kollam. It is the largest freshwater lake in Kerala and has always been a centre of tourist activity.

Which river has most biodiversity in Kerala? The Periyar River originates near Moolavaigae and reaches the Mullaperiyar reservoir, located in the premises of Periyar Tiger Reserve, which is one of the most biodiversity-rich zones in the southern Western Ghats (Silas, 1950, 1952; Kurup et al., 2004).

Which is the first biodiversity village in Kerala? KOLLAM ASHRAMAM MANGROVE AREA IS THE FIRST BIODIVERSITY HERITAGE SITE OF KERALA.

What is the threat to biodiversity in Kerala? Habitat alteration, pollution, sand mining, over exploitation, fish poisoning, alien invasive fish species, dynamiting and electrocution are the major threats identified. According to IUCN, its status is endangered.

Which is the first freshwater lake in Kerala? First Man-made Freshwater Lake – Mananchira lake, Kozhikode district. The major freshwater lakes of Kerala are Sasthamkotta lake (Kollam), Vellayani Lake(Thiruvananthapuram), Pookkode lake(Wayanad), Enamakkal lake (Thrissur) & Manakkodi lake (Thrissur).

Which is the cleanest freshwater lake in India? The cleanest lake in India is arguably Kareri Lake in Himachal Pradesh.

Which is the deepest lake in Kerala? Which is the deepest lake in Kerala? Ans. With a depth of 21 feet (6.4 m), Ashtamudi Lake is the deepest lake in Kerala.

Which district is Sasthamkotta Lake in? Sasthamkotta Lake is the largest fresh water lake located in Kollam District, Kerala is fighting for its survival due to excessive water exploitation for catering water need of Kollam district with out doing anything for the preservation of the lake.

Which is the largest natural lake in Kerala? Vembanad (Malayalam: [?e?mb?na????]) is the longest lake in India, as well as the largest in the state of Kerala. The lake has an area of 230 square kilometers and a maximum length of 96.5 km.

Which lake has both saltwater and freshwater? Did You Know: The surface layer of Barracuda Lake in the Philippines is freshwater, but as you descend into the depths of the lake, it turns to saltwater?

Is the water quality in sasthamkotta lake? Studies showed that both Sasthamcotta lake water and KIP canal water obeyed all the physical and chemical parameters of drinking water specification except pH in the case of KIP water (5.8). The drinking water specification by BIS is (6.5 - 8).

Are there viruses in lake water? This study detected and quantified eight enteric and non-enteric, pathogenic viruses in a freshwater recreational lake in paired grab and GAC passive samples.

Why is Poyang Lake shrinking? China's largest freshwater lake drained by prolonged heat and drought. Between the winter and summer seasons, Poyang Lake, in China's Jiangxi Province, routinely fluctuates in size.

Which is the purest lake in Kerala?

Which is the smallest pure water lake in Kerala? A major tourist destination in the district, Pookode is a natural freshwater lake nestling amid evergreen forests and mountain slopes at an elevation of 770 meters above sea level. It is 15 km away from Kalpetta. It is the smallest and highest elevation freshwater lake in Kerala.

What is the history of sasthamkotta? History – Sasthamcotta This small town, located on the banks of Sasthamkotta Freshwater Lake, is mainly famous for the Dharmasastha temple here. The name Sasthankotta is linked to this temple. The Sastha of Dharmasastha is prefixed to Kotta (Fort) and thus the name Sasthamkotta was born.

Which is the biggest sweet water lake in world? Located in North America on the border between the United States and Canada, Lake Superior is the world's largest freshwater lake by surface area (82100 km2). The volume of Lake Superior surpasses that of all the other Great Lakes combined.

What is the history of Thalangama lake? It is believed that the ancient Thalangama tank was built by King Parakramabahu VI during his reign from ca.

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1412 to 1467 AD. It was a bathing place for the elephants of the royal army, and serves until today irrigated paddy cultivation, grazing water buffaloes, and flood water retention.

What is the name of the important lake in Liberia? Lake Piso, also known as Lake Pisu and Fisherman's Lake, is an oblong tidal lagoon in Grand Cape Mount County in western Liberia, near the town of Robertsport. At an area of 103 km2 (40 sq mi), it is the largest lake in Liberia.

Which is the largest black water lake in world? Background Lake Chilika The lagoon is located on the east coast of India, at the mouth of the Daya River, which flows into the Bay of Bengal and covers an area of 1,100 km². Its width varies between 5 and 18 km, its length is 64.5 km. A total of 52 tributaries feed the lake with water from the catchment area.

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