

Shinji-ko

Brackish Lake

Geographical Coordinates: 35°26'N, 132°57'E / Altitude: 0.3m / Area: 7,652ha / Major Type of Wetland: Brackish lake / Designation: Special Protection Area of National Wildlife Protection Area / Municipalities Involved: Matsue City and Izumo City, Shimane Prefecture / Ramsar Designation: November 2005 / Ramsar Criteria: 5, 6, 7, 8



Shinji-ko from the west

General Overview:

Lake Shinji-ko and Lake Nakaumi are located at the border of Shimane and Tottori prefectures on the coast of the Japan Sea, in the western part of Honshu, the largest island of the Japanese archipelago. They are brackish lagoons situated in the estuary of Hii River, interconnected by the 7km long Ohashi River.

The upstream lagoon Shinji-ko is the seventh largest lake in Japan and covers an area of approximately 8,200ha with an average depth of 4.5m and a maximum depth of 6m.

The salinity of Shinji-ko comprises only one-tenth the concentration of seawater, while that of Nakaumi, the downstream lagoon, has as much as half the concentration of seawater. Although both of them belong to the same river system, each lagoon has very different characteristics and their own unique biodiversity.

Rich Biodiversity in Brackish Water Ecosystem:

Shinji-ko offers an essential habitat for approximately 80 brackish water species of fish and shellfish, including Japan's endemic Shinji-ko Goby, Japanese Seaperch, Eel, Icefish and Corbicula Clam. Shinji-ko is blessed with the largest catch of Corbicula Clams in Japan.

Shinji-ko is also home to 200 species of

migratory birds. More than 20,000 Tufted Duck and 5,000 Greater Scaup are sighted among over 40,000 wild ducks and geese. The lake regularly supports more than 1% of world population of Greater White-fronted Goose, Tufted Duck and Greater Scaup and it is the southernmost wintering spot for Tundra Swan along with Nakaumi.

Beautiful Sunsets:

Yomegashima Island, located at the eastern shore of Shinji-ko, is a small, flat island with a shoreline of only 240m. The silhouette of the island at sunset is famous as one of the 100 best sunset landscapes in Japan, attracting many tourists year round.

[Tufted Duck (*Aythya fuligula*)] Tufted Duck is a species of sea duck with a body length of 40cm. The adult male has black head, back, rump, and wings in contrast with its white flanks and belly. It has a gray bill and a tuft on the back of its head. It breeds in northern Eurasia and is a winter visitor to Japan. It is a common diving duck found in Shinji-ko from October to March.

Contact Information:

Matsue City Office

<http://www.city.matsue.shimane.jp/>

Izumo City Office

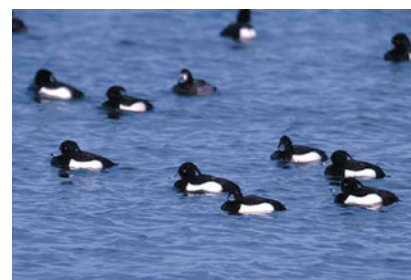
<http://www.city.izumo.shimane.jp/>

Shimane Pref. Govt. Office

<http://www.pref.shimane.lg.jp/>



Clam fishing



Tufted duck

