



Fig. B6. Dolphin watchers in a boom net (photograph courtesy of S. Allen).

Bow Fishing Bow fishing (archery fishing) is **fishing** with a bow and arrow. One of its major appeals is that it combines elements of both hunting and fishing. In North America, it is often fishing for carp that are competing with more highly prized species, such as bass.

Related internet resources

Archery fishing: <http://www.dto.com/fwfishing/methods/method.jsp?Articleid=160&Articletypeid=109>

Primitive Archer (magazine): <http://www.primitivearcher.com>

Dagmar Fertl

Brackish Water Brackish water has a salt content lower than seawater but more than freshwater. The salt levels range from 0.5 to 30 parts per thousand (or g/l of salt). Brackish water can be created when seawater mixes with freshwater, as in an **estuary**; with a decrease in **salinity** in inland seas, such as the **Baltic Sea**; or with an increase in salinity in lakes, such as Lake Nakuru (Africa), Lake Eyre (Australia) and the Great Salt Lake of Utah (North America). **Salt marshes, mangroves, coastal lagoons, rock pools and drainage ditch systems** are other examples of brackish water habitats. It is common for the salinity of brackish waters to change significantly over time and space. Specific flora and fauna occur in brackish waters, as they must have the physiological characteristics that allow them to cope with changing salinity levels. Many migratory fish, **crustaceans** and birds use

brackish water environments as feeding grounds. Brackish waters often support fisheries for juvenile fish and adult prawns and crabs, and are great places for birdwatching. Keeping brackish water **aquaria** is popular within the fishkeeping hobby. Many fish sold as freshwater species actually do better in brackish water, such as black mollies and Florida flagfish. Many brackish habitats are landlocked and often very polluted: low flush rates trap pollutants within the system for long periods. Development, agriculture and water removal are some of the threats to brackish water habitats.

See also: Saline Water, Salinity.

Related internet sources

FishBase: <http://www.fishbase.org>

The Laboratory of Brackish Water Hydrobiology: <http://www.zin.ru/labs/brackish>

Shannon Long

BREEF: see **Bahamas Reef Environment Educational Foundation**

Bridge **1.** In a **vessel**, the wheelhouse, or bridge, is the area where the captain conducts all operations related to **navigation** and control. Modern wheelhouses host an array of **sonar**, radar and other technical instrumentation, which empowers the operator of a vessel with vital information necessary to navigate, for example, at night or in close quarters.

Brad Wilcox