## **Gull Salt Glands**

Salt Glands

## Salt Excretion

Salt Drips

Off Beak

To cope with a high salt intake in their diet, gulls have a pair of salt glands in the head that remove excess salt from the body. The salt excretion comes out of the nares and flows down the groove of the gull's beak, dripping off the end of it.

Arterial Blood

Venous Blood

Each lobe receives a blood supply which flows in the opposite direction of the tubulous glands which extend from the central canal. Through active transport, NaCl is transferred from the bloodstream into the salt gland to be removed from the body.



Salt Gland **Cross-section** 

**Tubular** Lobes

Each gland consists of parallel tubular lobes with a central canal.

Venous Blood

Single Lobe **Cross-Section** 

> Gland Blood Supply

**Tubulous Glands Extend From** Central Canal

Central Canal