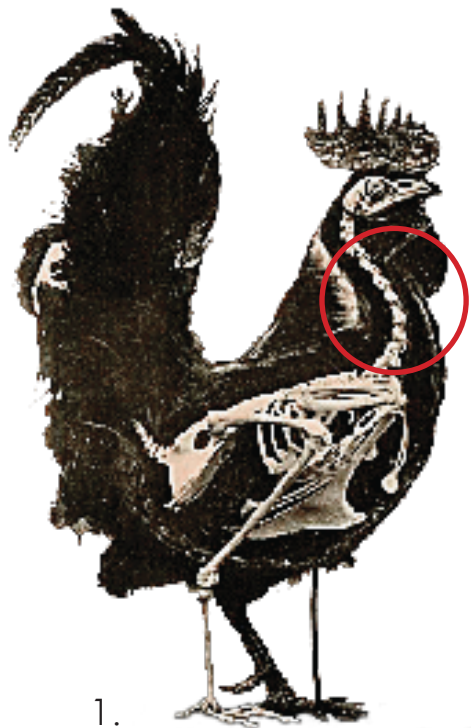


BIOLOGICAL SOURCES



CHICKEN: THE STABILIZER

Neck and head motions maintain a motionless visual field.

WOODPECKER: SHOCK ABSORPTION

The neck anatomy can extreme force. As the beak strikes the wood the spongy hyoid bone dissipates the impact force.

OWL: THE ROTATION

Owls heads rotate a full 270 degrees. This compensates for ocular immobility. Additional cervical vertebrae, help them achieve a wider range of motion.