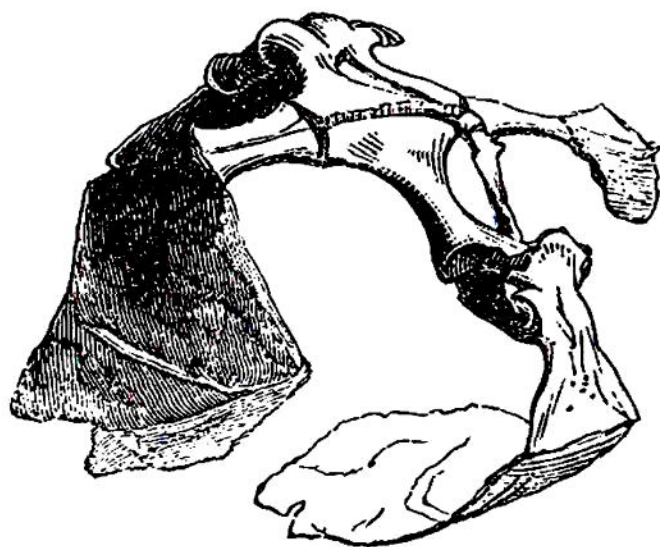


in some animals, this function is in a manner withdrawn from them; the scapulæ and the clavicles are left without the support of the ribs. These bones forming the shoulder, therefore, require additional carpentry; or they must be laid together on a new principle. In the batrachian order,* for example in the frog, the thorax, as constituted of ribs, has disappeared; the mechanism of respiration is altogether different from what it is in the mammalia. Accordingly, we find that the bones of the shoulder are on a new model; they form a broad and flat circle,†



sufficient to give secure attachment to the extremity, and affording a large space for the lodgement of the muscles which move the arm. Perhaps the best example of this structure is in the

* See the Appendix under the 3rd Class of Vertebrata, *Reptiles*.

† The Scapula, Clavicle, Sternum, and Coracoid bone may be recognised in this figure of the bones of a Frog.