

THE GOLDEN FRONTED WOODPECKER

Golden-fronted woodpecker



The Golden Fronted Woodpecker is an admirable creature because it embodies ways of handling incredible stress on its skull and surrounding tissue without injury:

“Of the forces that do reach the woodpecker’s skull, the unique structure of its cranial bone prevents forces from reaching its brain and cranial cavity. This cranial bone is a mixture of tightly packed, dense compact bone surrounding a deeper bone that is layered in staggered, plate-like structures that create a dense shock absorption system. When forces intersect with this deeper bone, its porous and layered structure scatters frequencies in divergent directions away from the central point of impact. This bone, while flexible, can be fragile on its own. But by being encased in compact bone, the overall system maintains flexibility within, allowing for movement that absorbs shock.”

(AskNature.org)