

CALYPTORHYNCHUS MACRORHYNCHUS, *Gould.*

Great-billed Black Cockatoo.

Calyptorhynchus macrorhynchus, Gould in Proc. of Zool. Soc., Part X. p. 138.

Lār-a-wuk, Natives of Taratong.

ALL the examples of this species that have come under my notice have been collected at Port Essington, where it is usually seen in small troops of from four to six in number. It has many characters in common with the Black Cockatoos of the south coast, but no species of the genus yet discovered has the bill so largely developed, which development is doubtless requisite to enable it to procure some peculiar kind of food at present unknown to us; it assimilates to the *C. Cookii* of New South Wales in the lengthened form of its crest, but differs in having much shorter wings, and in the mandibles being fully one-third larger. The females of the two species also vary considerably in the colouring of the bands across the tail-feathers, which in the *C. Cookii* is pure scarlet, while the same part of the female of the present bird is mingled yellow and scarlet. It differs from the *C. naso* of Western Australia in having a larger bill than that species, and in the much greater length of the crest; a similar difference is also observable in the colouring of the tail-feathers of the females that has been already pointed out with regard to *C. Cookii*.

It is a very powerful species, and its habits and economy are so similar to the other members of the genus that a description of them would be superfluous.

The male has the whole of the plumage glossy bluish black; lateral tail-feathers, except the external web of the outer one, crossed by a broad band of fine scarlet; bill horn-colour; irides blackish brown; feet mealy blackish brown.

The female has the general plumage as in the male, but with the crest-feathers, those on the sides of the face and neck, and the wing-coverts spotted with light yellow; each feather of the under surface, but particularly the chest, crossed by several semicircular fasciæ of yellowish buff; lateral tail-feathers crossed on the under surface by numerous irregular bands of dull yellow, which are broad and freckled with black at the base of the tail, and become narrower and more irregular as they approach the tip; on the upper surface of the tail these bands are bright yellow at the base of the feathers, and gradually change into pale scarlet as they approach the tip; irides blackish brown.

The Plate represents the two sexes about two-thirds of the natural size.