

P. cornatus. Horned Grebe.

Colymbus cornutus of Gmelin.

Podiceps cornutus. Baird!

v. s. p. Bill shorter than the head, bluish black with a white tip; legs and feet brown pale anteriorly; irides red; orbits and rictus lake colour; eggs 3 to 4 white spotted brown.

Dorsal aspect. Crown of head, nuchal region and cheeks black, with a greenish iridescence; space between eyes and nostrils chesnut; upper part of the ruff commencing above the eye buffy orange, the remainder of the ruff black; interscapular region and scapulars black, the feathers margined with whitish; great and small wing coverts and primaries clove brown; secondaries white; rump blackish brown.

Ventral aspect. Chin, upper part of throat, cheeks and auriculars glossy greenish black; lower part and sides of the throat glossy chesnut of a very deep tint; vent and tail coverts cinereous; flanks chesnut brown mixed with black; the remainder of this aspect glossy white sometimes tinged with yellow.

2nd primary longest; long scapulars longer than the primaries; length $16\frac{1}{2}$ inches; alar expanse 19 inches; middle toe nail pectinate. The young bird is deficient in the ruff; its chin and cheeks with the ventral aspect is white; all the other parts except the secondaries are brownish cinereous. This young bird forms the *Podiceps obscurus et caspicus* of Latham and the *Colymbus nigricans* of Scop, and var. *A.* of Latham.

P. cristatus. Crested Grebe.

Colymbus urinator of Gmelin.

Podiceps cristatus. Baird!

v. s. p. Bill longer than the head about two inches, reddish white at the point; legs and feet blackish, interiorly yellowish white; naked space from the bill to the eye red; irides carmine; eggs 3 to 4 greenish white waved with deep brown.

Upper surface of head, occipital crest and lateral ruff, shining black; bases of the latter and sides of the nape tinged with rufous; back of neck, dorsal plumage and wings blackish brown; upper border of the wing tertiaries and all the secondaries, except 3 or 4 posterior ones, a spot before the eye, chin, sides of head and under plumage of the neck and body, white silvery below; length 23 to 24 inches. (Nuttall),—I have never met with the old bird, but a young bird beside me has the following distinctive characters: