

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: