

*Surveyors Branch  
West*

THE  
CANADIAN  
NATURALIST AND GEOLOGIST.

---

VOL. VII.

DECEMBER, 1862.

No. 6.

---

ARTICLE XXXIX.—*On the Mammals and Birds of the District of Montreal.* By ARCHIBALD HALL, M.D., L.R.C.S.E.

(Concluded from page 316.)

ORDER VI. PALMIPEDES.

*Fam. I. Brachyptera.*

*Genus Colymbus.*

Gen. char. Bill straight, smooth, compressed, and more or less acuminate; nostrils basal, lateral, linear; feet more or less completely palmated.

*Sub genus Podiceps.*

Sub gen. char. Bill moderate, robust, straight, hard, compressed; points more or less subulate; upper mandible furrowed deeply and broadly to the centre in which are situated the nostrils which are basal, lateral, and pervious, the posterior half covered by a membrane; feet situated far back; the tibia mostly hidden in the body; tarsus compressed; front toes depressed, connected at base by a membrane which forms a broad lobe round each toe; hind toe compressed; nails wide and flattened; wings short and narrow; 2nd and 3rd primaries subequal and longest; tail wanting, but in its place a small tuft.