

game birds, its cause and effect," and "The effects of civilization upon our game birds," pointing again to the systematic description to show the effect of a cause, or the construction of forms to suit chosen conditions.

As to the origin of birds and their place in nature, much



DENDRAGAPUS CANADENSIS
(Canada Grouse or Spruce Partridge). Female.

may be said, but I shall simply refer you to former mention of birds as the connecting link between reptiles and mammals; on the lower side the *Archæopteryx macrura*, the earliest known bird fossil, found in the Jurassic States of Bavaria, connecting with reptiles; and on the other hand to the *Ornithorhynchus*