ery ten hours. It should be scratched off than a cylinder, with a steel wire brush night and morning until the barre's are dark enough; and then the acid is destroyed by porring on the barrels boiling water, and continuing to rub them until nearly cool. If the barrels are of lumi ated steel do not dilute the acid so much.

Holding Wads in Place.-Use a good firm, stiff pastaboard wad, under which place a circular disc of cotton cloth la ge enough to come up over the edge of the same, say from a sixteenth to an eigth of a 1 inch. load, first lay the disc of cotton over the mon hof the shell or loading tube, a good stiff pisteboard wad exactly on top in the centre and drive it home. Or. fasten your cardboard centrally to the larger cotton or thin couth disc with a touch of good flour paste. Having thus prepared a lot of them should you prefer a lub icant, take an even relief them dip the projecting edges in a little melted tallow, you then have a lub icant-exactly where you want tir advance of the c arge of shot.

the charner," while any barrel constricted bottom. inch may be termed a modified choke.

Browning Gun Barrels .- 1 ounce mur- full choke is constructed to the extent of 30nate tincture of steel: I ounce spirits of winc 1000 to 40-1000 of an inch; but the larger I ounce muriate of mercury; I ounce strong the boile, the greater must be the muzzle. nitre acid; a ounce blue stone; I quast wat. The constriction of the bore must be from 1 Mix well, and allow to stand 30 days to to 1 inch from the extremity of the barrel: amalgamate. After the oil or grease has this constriction if placed 3 inches or more been removed from the barrels by lime, the from the muzzle, fails to throw the shot close mixture is laid on lightly with a sponge ev- together, but will give better penetration

> Weather in Bay Bird Shooting.—The most favorable wind for bay snipe shooting in the summer and autumn is one that blows steadily from the south-west. The birds that are coming from the north, and flying against it. lower their flight and skirt the bars and meadows, and see the stools more plain'y and decoys much better than when travelling with the wind in the clouds. A wet summer is also found to produce the rest shooting, as the meadows afford plenty of feed, and should the birds a rive early in the season, they stop and Tre the large marshes their home, flying north in the mornin and flyt, g south toward evening. flight bay-men cill a trade.

Ruffled Grouse Habits .- When alarmed, the ru led grouse sometimes squats close to the ground, and generally flies and alights on some tree where it remains closely concealed under the branches near the trunk until the sportsman has passe. . orite resorts are sides of hills overgrown Chokebore. - The tem "chokebores" with hem lock and cedar, with undergrowth mea is simply barrels whereof the diameter of laurel. In level countries they frequent of the b re at the mozzle is less than the bore swampy covers and scrub-oak patches, and at some point behind the muzzle other than lie better where there is a tangled and briery When flushed on a hill-ide they at the muzzle o the extest of 5-1000 of an generally fly uphill and can be found direct-A ly over the summit.