

Fragrant Sumach, (*Rhus Canadensis*.)

3. Buds dark brown, leaf scar almost a semi-circle.

- (a) Twigs dark brown, smooth medium size.

European Bird Cherry, (*Cerasus padus*.)

- (b) Twigs chocolate brown, ridged, quite crooked, medium size.

Purple Leafed Plum, (*Prunus*)

- (c) Twigs slaty brown, very slender and smooth.

Choke Cherry, (*Prunus Virginiana*.)

- (d) Twigs light brown with a greyish cast. Very small (fine) and much branched, smooth.

Spiraea, (*Spiraea vanhouttei*.)

- (e) Twigs fine, ridged.

Dwarf Weeping Cherry, (*Prunus Cerasus*.)

4. Buds light brown, round leaf scars, small round buds.

Catalpa, (*Catalpa speciosa*.)

Bud scales black or very dark brown, no hairs.

Mountain Ash, (*Pyrus Americana*.)

- D. Buds sessile, apparently only one bud scale, which is large; twigs are very fine and much branched.

Siberian Pea Tree, (*Caragana*)

- E. Buds sessile, without scales, bud only pointed and very hairy. Branches and twigs smooth, color dark brown.

Cucumber Tree, (*Magnolia acuminata*.)

GROUP III.

Buds arranged alternately.

- A. Buds roundish oval.

Basswood, (*Tilia*.)

Elm, (*Ulmus*.)

Hazel, (*Corylus*.)

- B. Buds pointed.

Birch, (*Betula*.)

Beech, (*Fagus*.)

Hornbeam, (*Carpinus*.)

H. L. FULMER.

E. C. CARPENTER.

R. G. BAKER.

T. C. BARBER.

