

- Trans. Amer. Ent. Soc., T. ii., p. 319. Cephaloneon, perhaps the same as No. 23. The mite is *Vasates quadripedes* Shimer.
28. *Acer* spec. Pl. Prof. Barbeck. Not seen by me; Erineum. Mr. John A. Ryder, Amer. Naturalist, 1879, F. 13, p. 704-705. The mite is figured.
29. *Acer* spec. Pl. Bethlehem, N. H., August, 1870. Prof. L. Agassiz. "*Erineum purpurascens* (so called); not supposed to be a fungus, but a disease of the epidermis." Prof. Farlow. Large irregular black velvety patches upon the leaves.
30. *Alnus incana* Wied. Pl. Shelburne, N. H., Aug., 1882. Prof. Farlow. *Erineum alnigerum* Kze. (Farlow); small reddish or whitish flat woollen patches on the upper side of the leaves.
31. *Alnus serrulata* Ait. Pl. W. St., O. Sacken. Very small, widely scattered Cephaloneon galls on the upper side of the leaves.
32. *Alnus serrulata* Ait. Acr. ? W. St., O. Sacken. A hypertrophy of the female aments by a fungus. *Taphrina alnitorque* Tulasne = *Ascomyces Tarquinetii* Westendonk (Farlow). Baron O. Sacken believed it to be an Acarideous deformation; perhaps fungus and Acarus may be combined here. A hemipteron, *Cymus Resedæ* Pz., lives abundantly in the early spring in this deformation.
33. *Amelanchier Canadensis* Gray. Pl. Woods Holl, August, 1876. H. Hagen. Galls similar to a Phrygian cap, the tip rolled down, numerous on the upper side (rarely below) of the leaves; on the under side the Erineum opening. Mostly many galls on the same leaf.
34. *Amelanchier Canadensis* Gray. Pl. S. Truro, Mass., July 3-7, 1877. F. G. Sanborn. Similar to the foregoing, but a number of the galls larger, yellowish, the open tip woolly on the margin. Perhaps the ripe form of the foregoing.
35. *Aristolochia siphon* L. Herm. Pl. Harvard Arboretum, June 17, 1882. H. Hagen. Small woollen tuberculous galls on the under-side of leaves; above small rounded openings, with white woollen margins. I am not entirely sure that it belongs to Acarus.
36. *Artemisia* spec. Acr. N. England. Prof. Farlow. Deformation of the buds; black globes of densely crowded filaments.
37. *Betula* spec. Acr. Massachusetts, 1880, November. Prof. Farlow. Densely crowded irregular deformations of the buds.
38. *Carya tomentosa* Nutt. Pl. Washington, D. C., June 13, 1861. O.