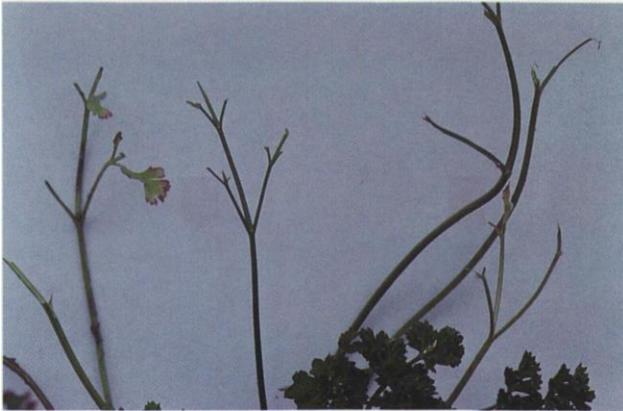




*10.15b* Carrot rust fly; larval feeding damage on parsley roots.



*10.15c* European earwig; severe defoliation of young parsley.



*11.1a* Head rot; breakdown of the youngest leaves in lettuce head.



*11.1b* Slime rot; decay of a lettuce head caused by *Erwinia carotovora*.



*11.3a* *Pseudomonas* diseases; brown rot lesions (individual spots) on lettuce.



*11.3b* *Pseudomonas* diseases; marginal leaf spot of lettuce caused by *Pseudomonas fluorescens*.



*11.3c* Pseudomonas diseases; brown rot lesions on lettuce.



*11.3d* Pseudomonas diseases; petiole rot of lettuce.



*11.4* Anthracnose; lesions on lettuce leaves.



*11.5* Black root rot; lesions on chicory roots.



*11.6a* Bottom rot; basal decay on lettuce.



*11.6b* Bottom rot; severe decay of lettuce petiole.



*11.7a* Damping-off; wilted lettuce seedlings.



*11.7b* Stunt; lettuce plants killed by *Pythium* sp.



*11.7c* Stunt; discoloration of crown tissue of lettuce caused by *Pythium* sp.



*11.8a* Downy mildew; sporulation of *Bremia lactucae* on lettuce leaf.



*11.8b* Downy mildew; a severely affected lettuce leaf.



*11.9a* Drop; lettuce plant infected by *Sclerotinia minor*.



**11.9b** Drop; lettuce infected by *Sclerotinia sclerotiorum*; note white mycelium and large black sclerotia.



**11.9c** Drop; stem infection on lettuce.



**11.9d** Drop; lettuce infected by *Sclerotinia minor*; note small black sclerotia at base of plant.



*11.9e* Drop; aggregated sclerotia and apothecia of *Sclerotinia minor*.



*11.9f* Drop (white mold); severely decayed chicory roots from storage; note white mycelium and black sclerotia.



*11.10a* Gray mold; crown decay of iceberg lettuce head.



**11.10b** Gray mold; head infection of butterhead (Boston) lettuce.



**11.10c** Gray mold; basal stem infection of lettuce; note gray growth of *Botrytis cinerea* on petioles.



**11.10d** Gray mold; black sclerotia of *Botrytis cinerea* on dead lettuce tissue.



*11.10e* Gray mold; root rot of lettuce.



*11.10f* Gray mold; conidia of *Botrytis cinerea* on lettuce leaf.



**11.13a** Rust; lesions on lettuce leaf.



**11.13b** Rust; close-up of aecia of *Puccinia dioicae* on lettuce.



**11.15a** Aster yellows; chlorosis and bronzing of lettuce leaves.



*11.15b* Aster yellows; affected (left) and healthy lettuce plants.



*11.16* Big vein; an affected lettuce leaf.



*11.17a* Lettuce mosaic; an affected lettuce plant.



*11.17b* Lettuce mosaic; mosaic pattern on an affected lettuce leaf.



*11.19a* Manganese deficiency; lettuce appears stunted, yellow-gray, with necrotic spots on leaf margins.



*11.19b* Manganese toxicity; chlorosis on Romaine lettuce leaves.



*11.19c* Tipburn; symptoms on the inner leaves of lettuce head.



*11.20* Pink rib and russet spot (small pits); severely affected lettuce head.



*11.23a* Aster leafhopper; adult; length  $\pm 3$  mm.



*11.23b* Aster leafhopper; adult, showing diagnostic head spotting.



*11.26* Redbacked cutworm; curled larva and its feeding injury on lettuce.



*11.27a* Black slug; side view (contracted), scale in cm; length up to 150 mm.



**11.27b** Spotted garden slug; scale in inches; length  $\geq 100$  mm.



**11.27c** Gray garden slug; juvenile with severe feeding damage on dill; length 35-50 mm.



**12.1a** Stewart's wilt; pale green streaks on leaves later turn brown.