



Figures 4-1 to 4-6. Transfer cells in Lennoaceae, Hydrophyllaceae and Heliotropiaceae. 4-1. Schematical LS of general fruit type (drupe) of many representatives of Boraginales; transfer cells (dotted). 4-2. *Pholisma arenarium*, SEM, ruptured lignified endocarpid, seed overview, testa of transfer cells up to the funiculus, outer tangential cell wall partly removed. 4-3. *Nama demissum*, SEM, TS, one layered seed testa, transfer cells of loose and irregularly spherical, corpuscular structure. 4-4. *Phacelia tanacetifolia*, SEM, TS, one layered seed testa, transfer cells of heterogenous structure, ranging from dense sperical corpuscles to a fragile net, with a spongy structure within one cell. 4-5. *Phacelia tanacetifolia*, SEM, overview of testa, outer tangetial cell wall removed, fragile net of spongy structure of wall ingrowth of transfer cell. 4-6. *Heliotropium indicum*, SEM, TS, mericarpid, one layered testa of transfer cells of a labyrinth of finger-like, branched and anastomosing ingrowths of the cell wall. **Abbreviations:** embryo (em), endocarp (en), endosperm (es), funicle (f), longitudinal section (LS), outer tangential cell wall of the testa (ot), placenta (pl), scanning electron micrograph (SEM), stylus (st), testa of transfer cells (t), transverse section (TS), vessels (vs).