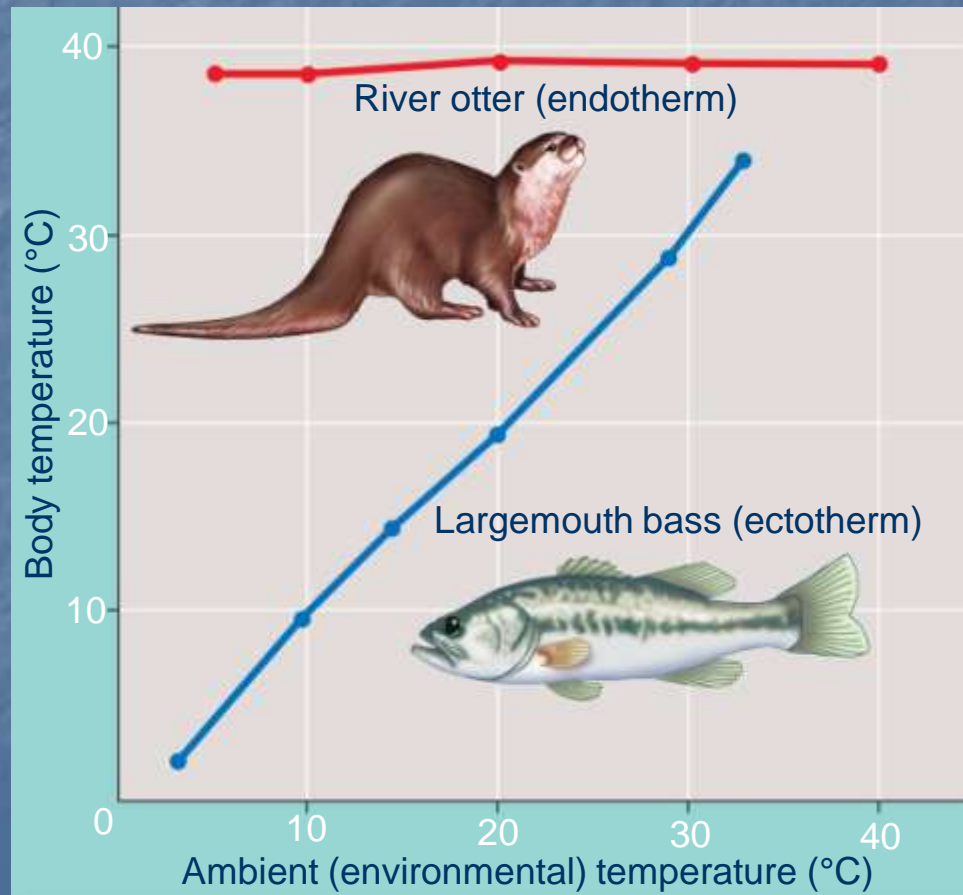
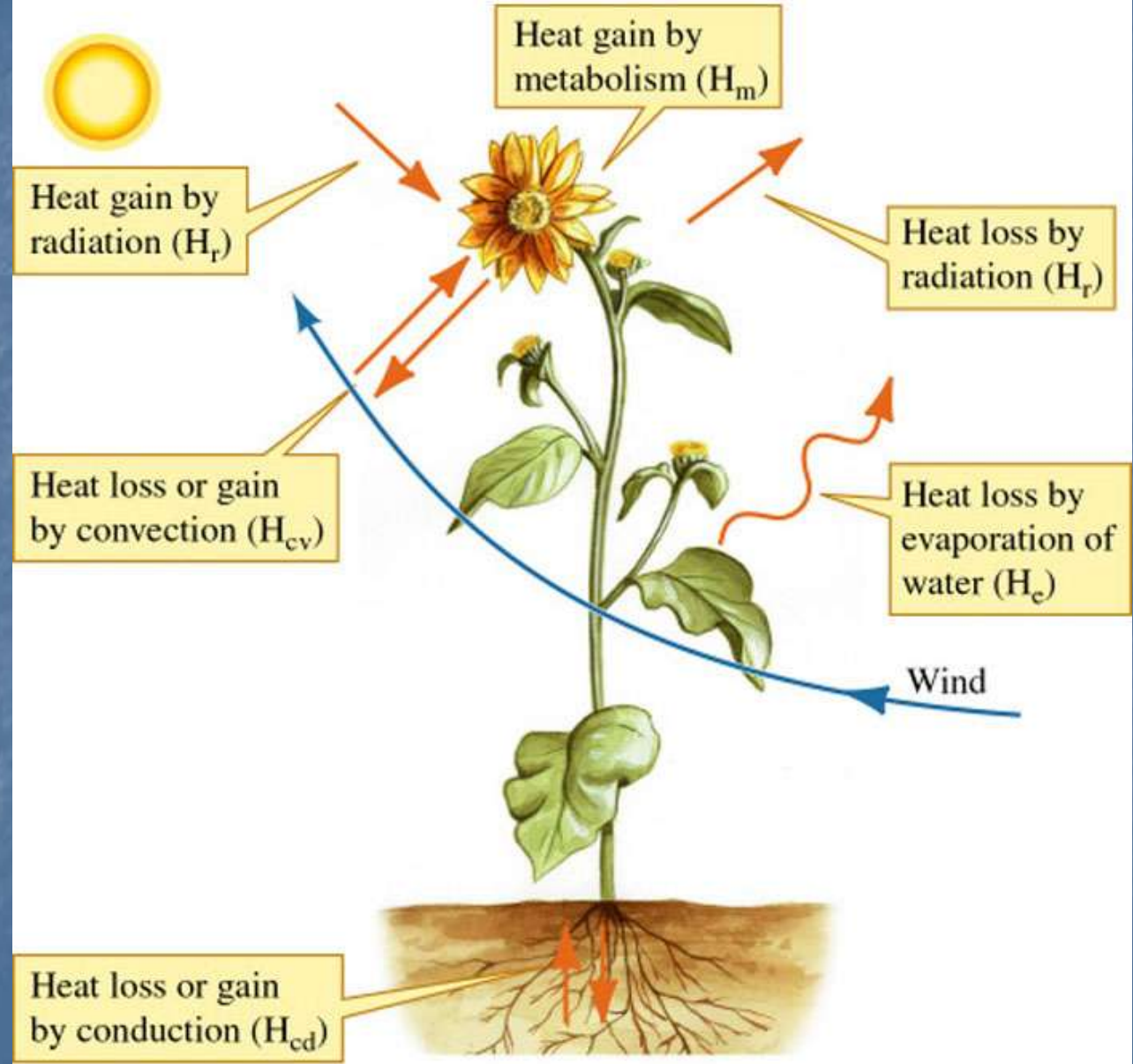


Ectotherms tolerate more variation in internal temperature than endotherms



Heat Regulation





Darkly pigmented leaves reduce reflection and increase heat gain by radiation (H_r).



Arctic and alpine plants also increase H_r by orienting their leaves perpendicular to sunlight.

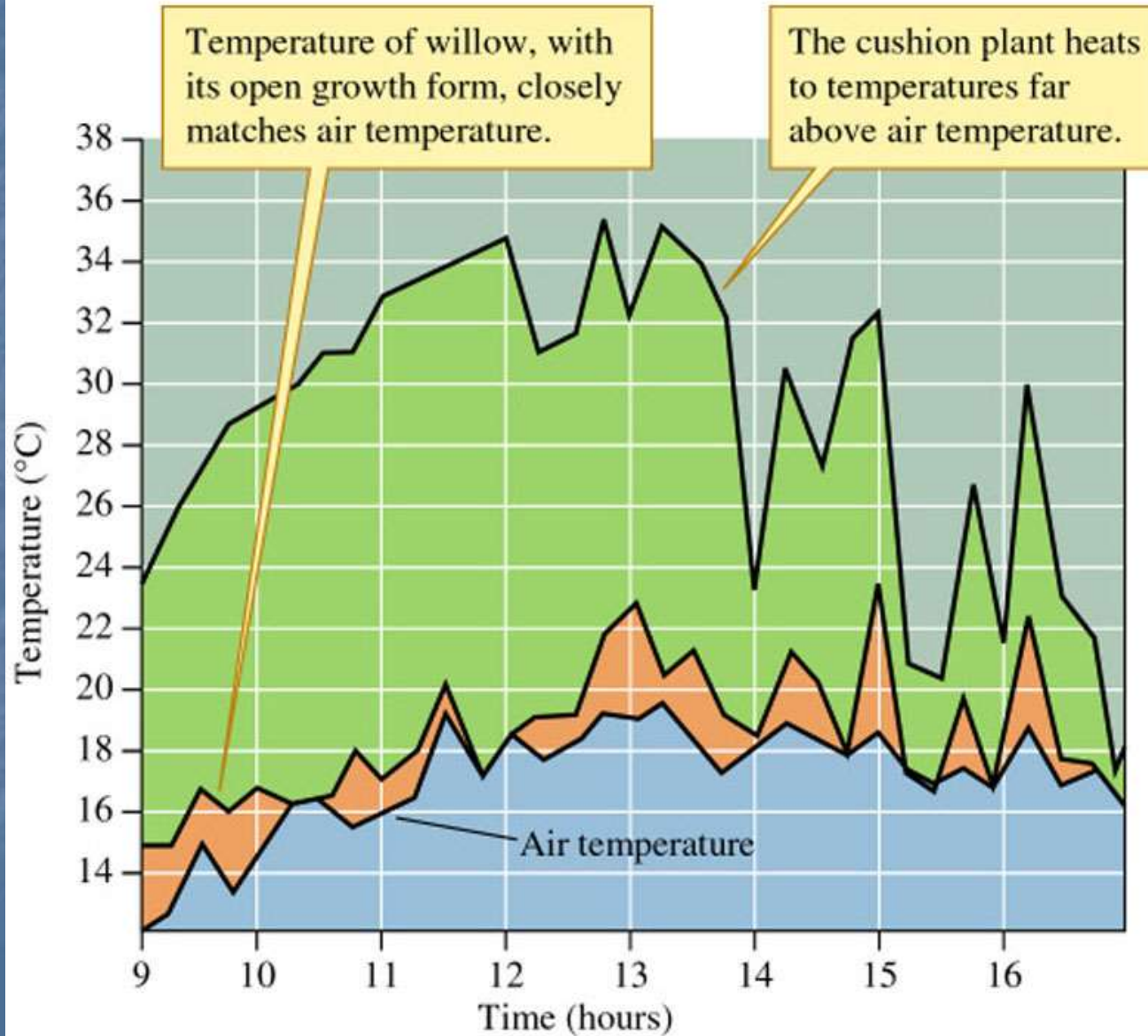
Compact, hemispherical growth form decreases exposure of plant surfaces to wind.

Low convective heat loss to wind.

Ground-hugging growth form increases heat gain from solar heated surroundings through:



Radiation H_r and
Conduction (H_c)



Pin cushion plant

Land Management

