



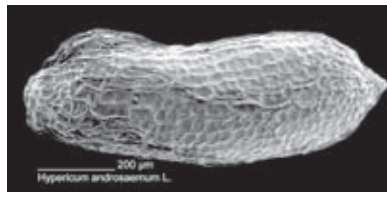
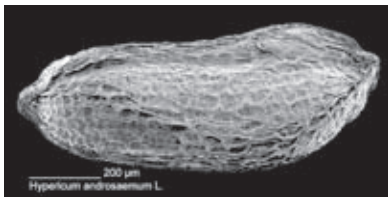
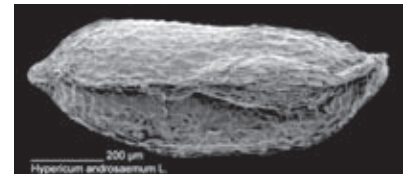
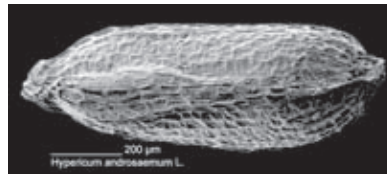
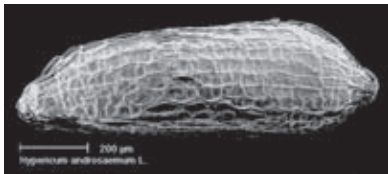
Morphologischer Teil



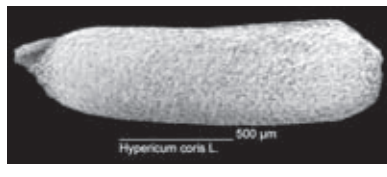
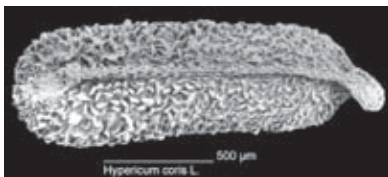
Genus *Hypericum*

Umrissformen variieren je nach Beobachtungsrichtung, Teil 1

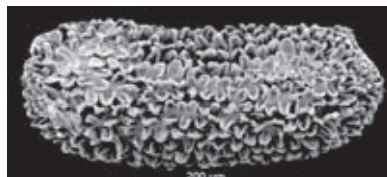
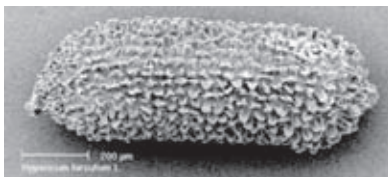
Hypericum androsaemum L.



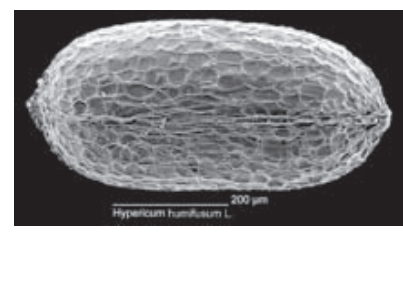
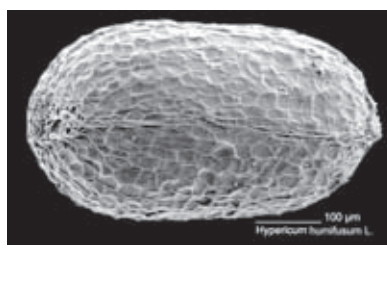
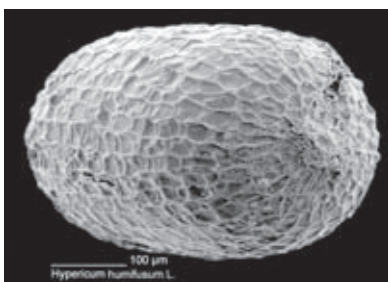
Hypericum coris L.



Hypericum hirsutum L.



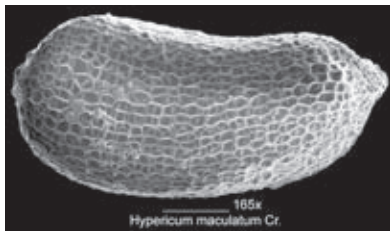
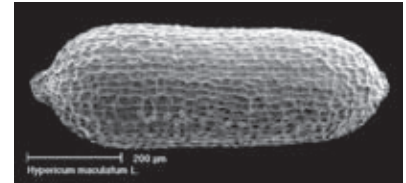
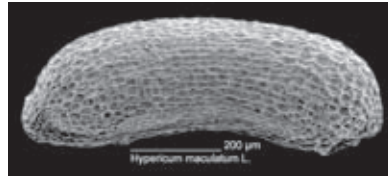
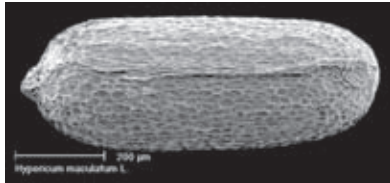
Hypericum humifusum L.



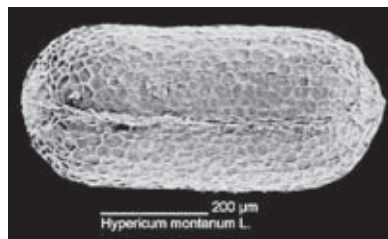
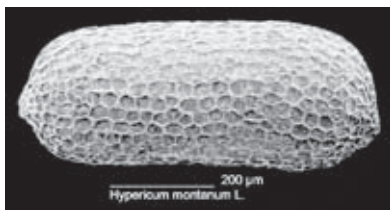
Genus *Hypericum*

Umrissformen variieren je nach Beobachtungsrichtung, Teil 2

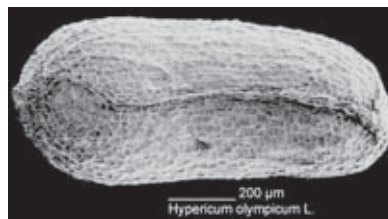
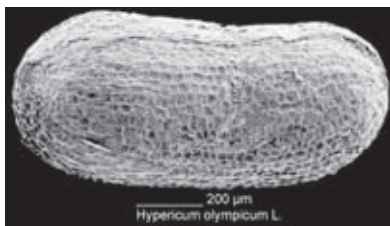
Hypericum maculatum CR.



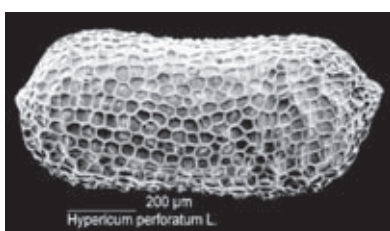
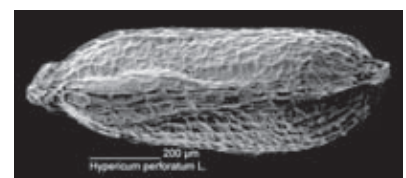
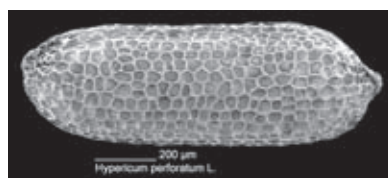
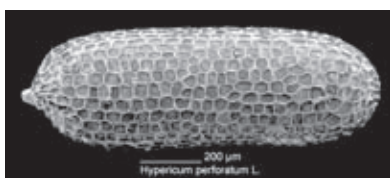
Hypericum montanum L.



Hypericum olympicum L.



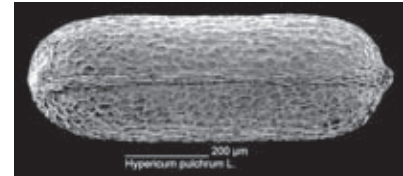
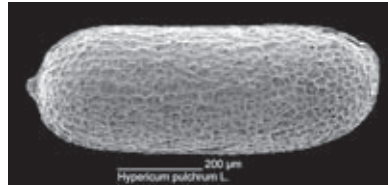
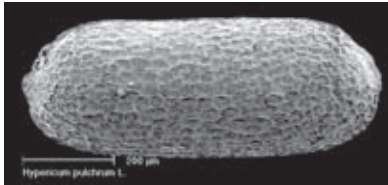
Hypericum perforatum L.



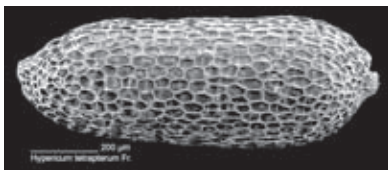
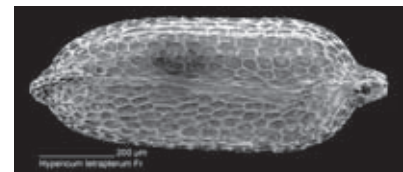
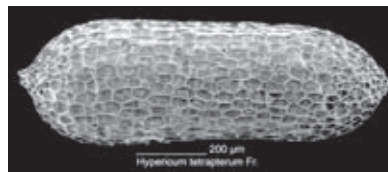
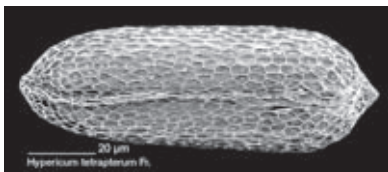
Genus *Hypericum*

Umrissformen variieren je nach Beobachtungsrichtung, Teil 3

Hypericum pulchrum L.



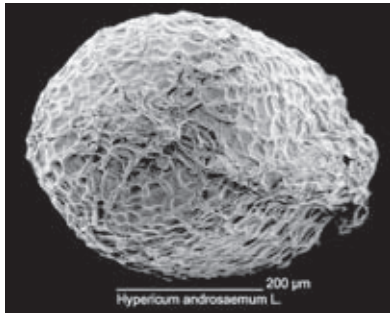
Hypericum tetrapterum FR.



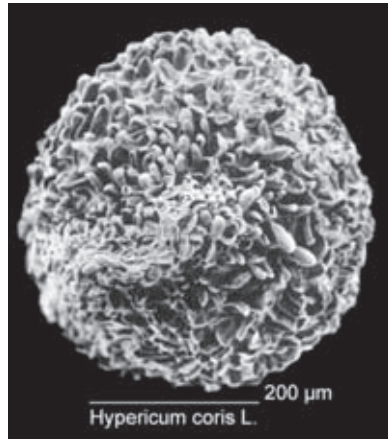
In kaum einer Familie sind die Ähnlichkeiten zwischen den Arten einer Gattung so einheitlich wie bei den Hypericaceae, wenn man von den Oberflächenstrukturen absieht.

Pol-Ansichten

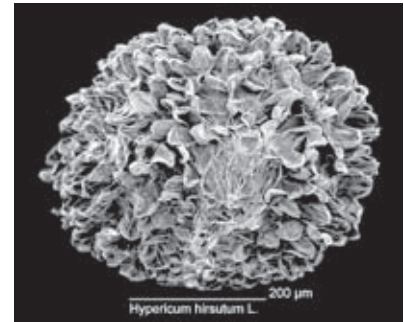
Die untersuchten Formen sind in der Polansicht mehr oder weniger kreisrund.



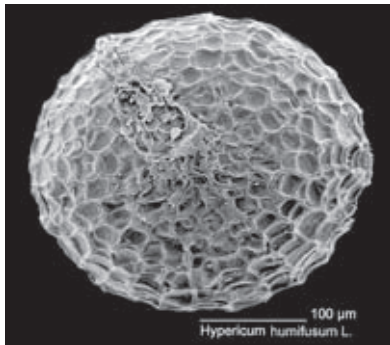
Hypericum androsaemum L.



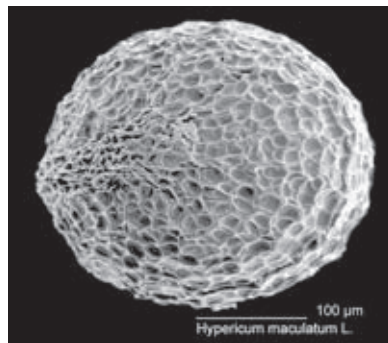
Hypericum coris L.



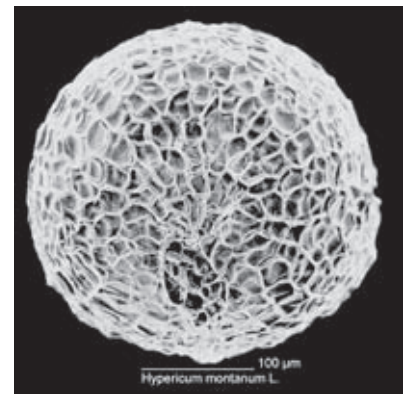
Hypericum hirsutum L.



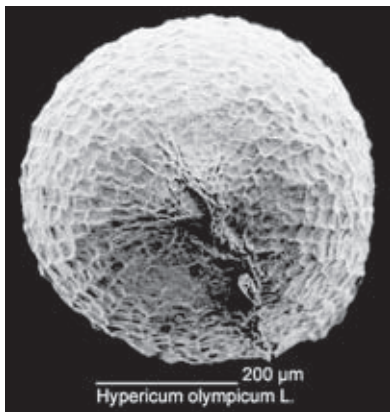
Hypericum humifusum L.



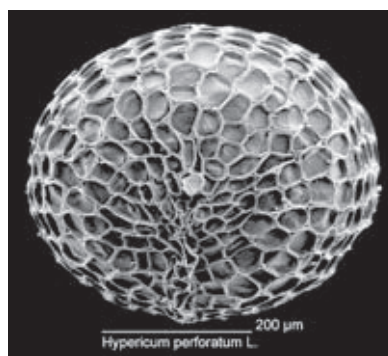
Hypericum maculatum Cr.



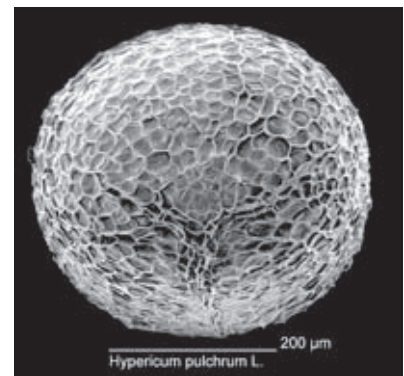
Hypericum montanum L.



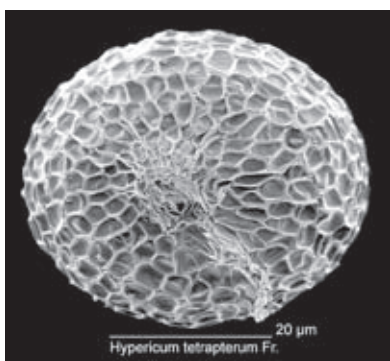
Hypericum olympicum L.



Hypericum perforatum L.



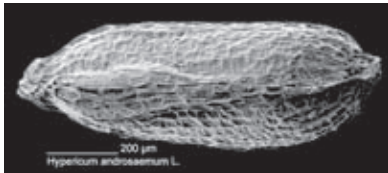
Hypericum pulchrum L.



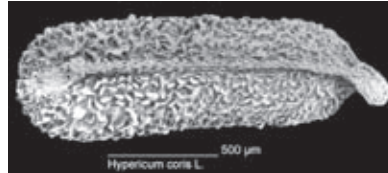
Hypericum tetrapterum Fr.

Bauchnaht

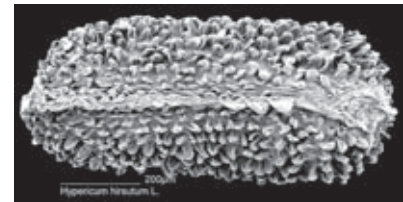
Ebenso ist bei allen untersuchten Hypericaceae-Arten eine mehr oder weniger ausgeprägte Bauchnaht sichtbar.



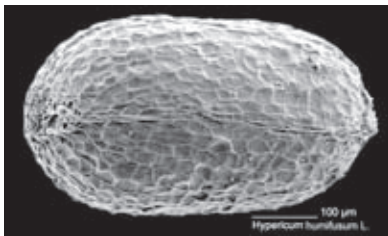
Hypericum androsaemum L.



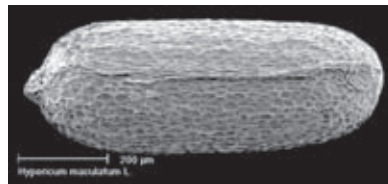
Hypericum coris L.



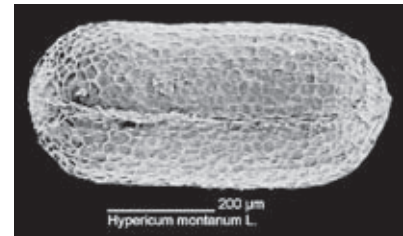
Hypericum hirsutum L.



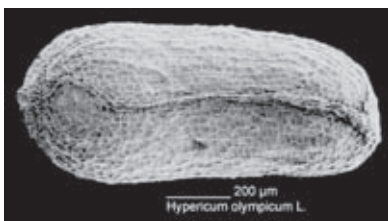
Hypericum humifusum CR.



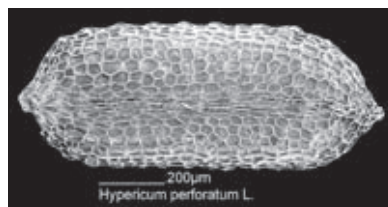
Hypericum maculatum L.



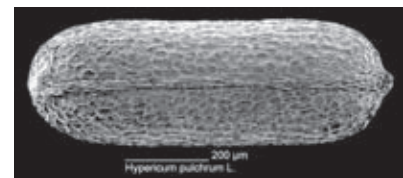
Hypericum montanum L.



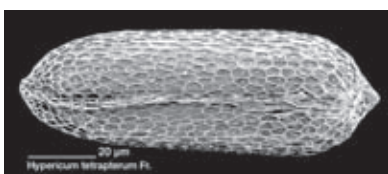
Hypericum olympicum L.



Hypericum perforatum L.



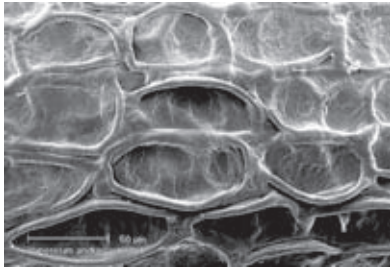
Hypericum pulchrum L.



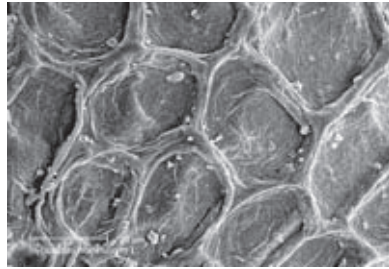
Hypericum tetrapterum FR.

Oberflächenstrukturen

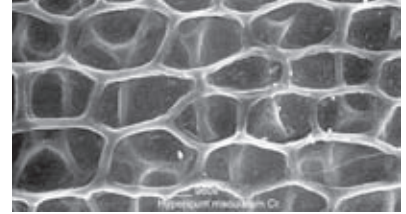
Netz- bis gitterartig



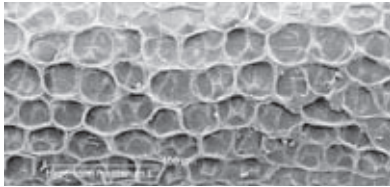
Hypericum androsaemum L.



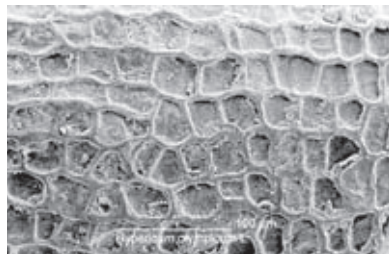
Hypericum humifusum CR.



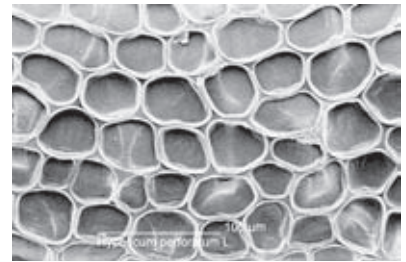
Hypericum maculatum L.



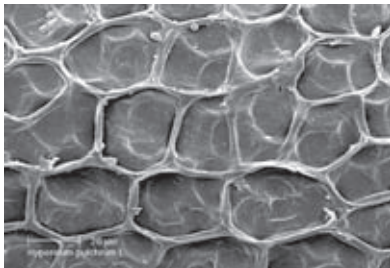
Hypericum montanum L.



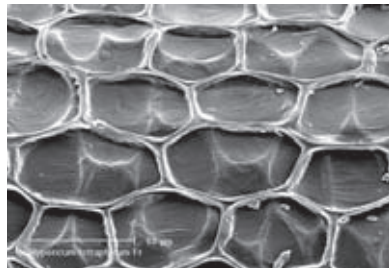
Hypericum olympicum L.



Hypericum perforatum L.

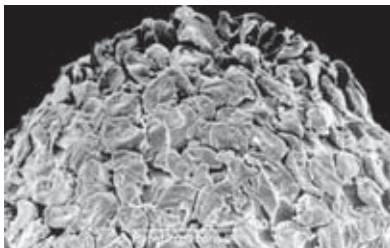


Hypericum pulchrum L.

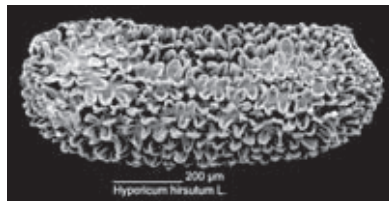


Hypericum tetrapterum FR.

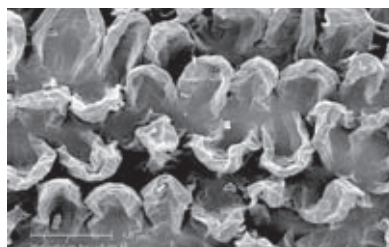
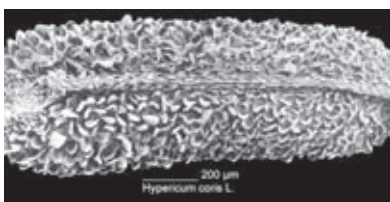
Schuppig, faltig



Hypericum coris L.

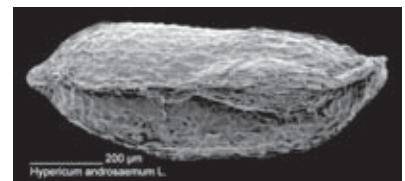
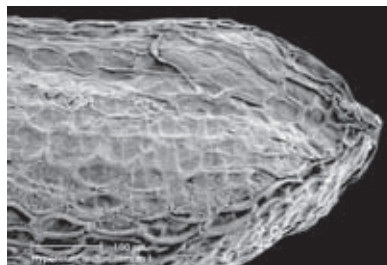
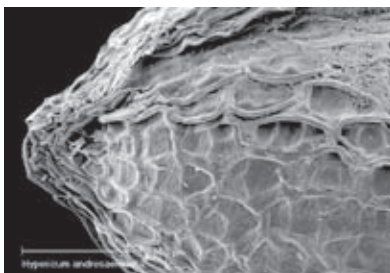
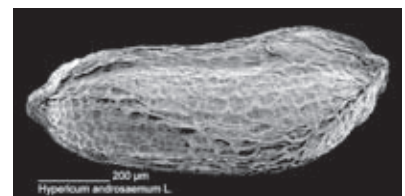
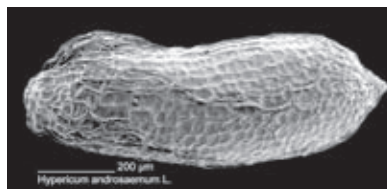
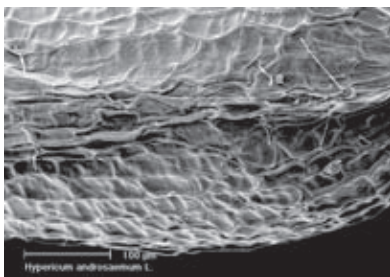
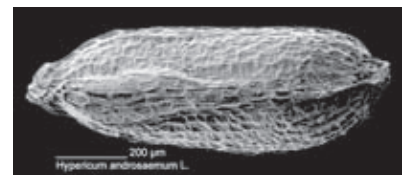
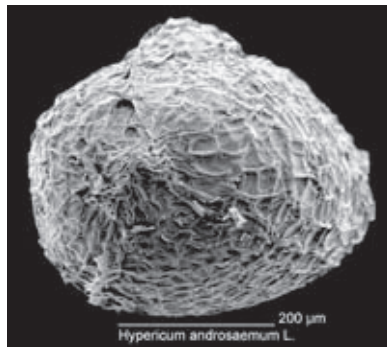
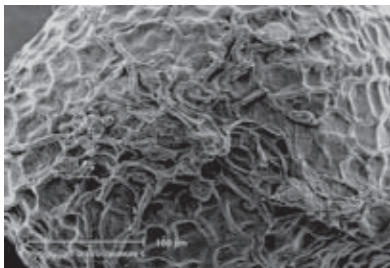
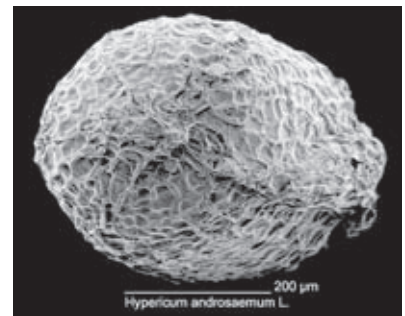
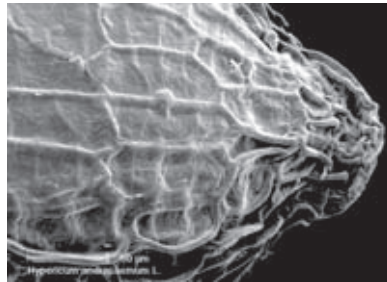
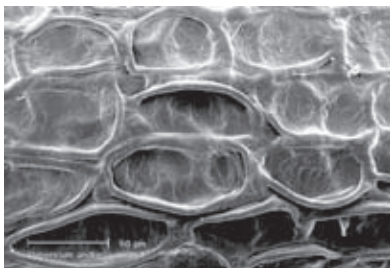
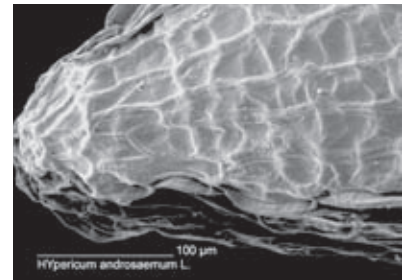
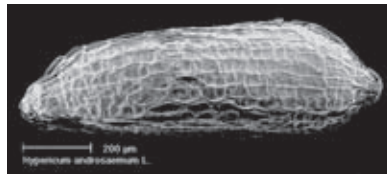
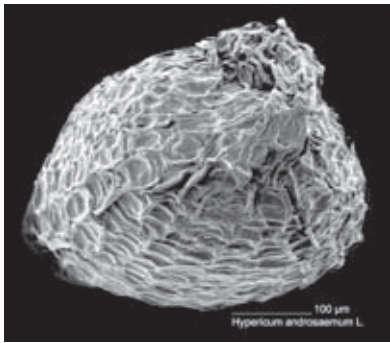


Hypericum hirsutum L.



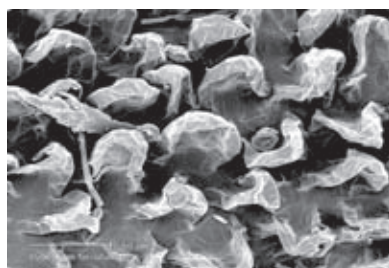
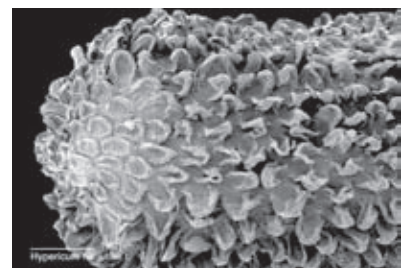
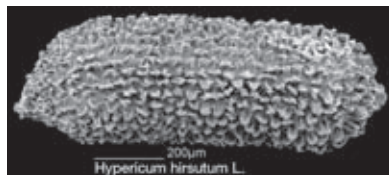
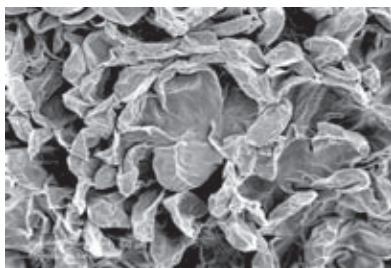
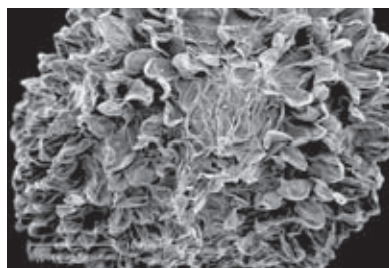
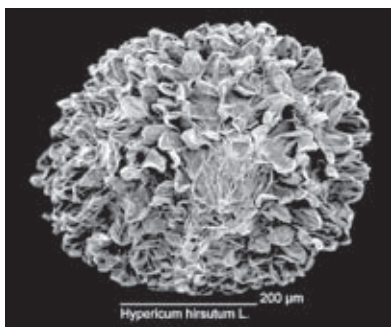
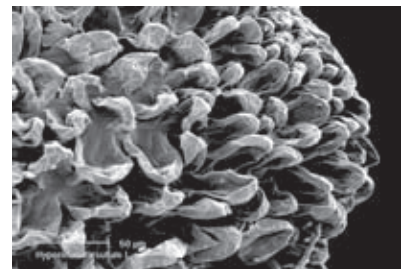
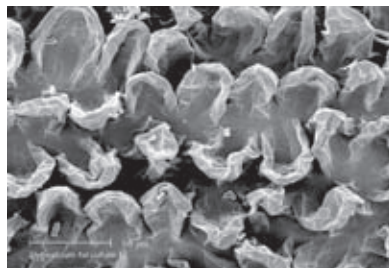
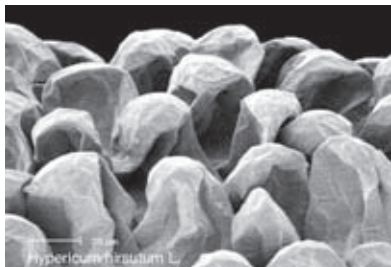
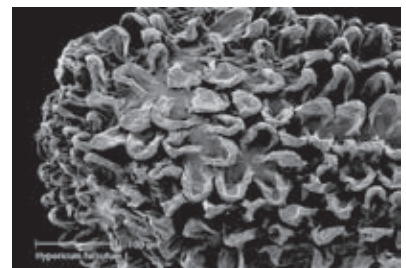
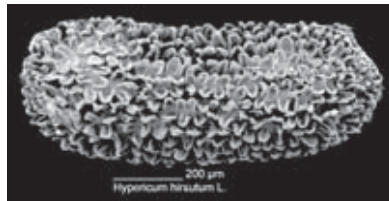
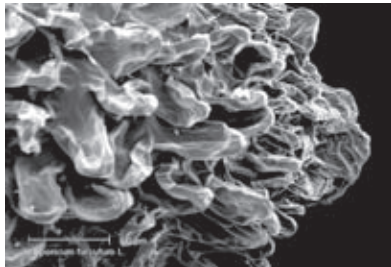
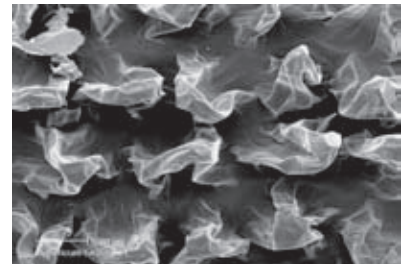
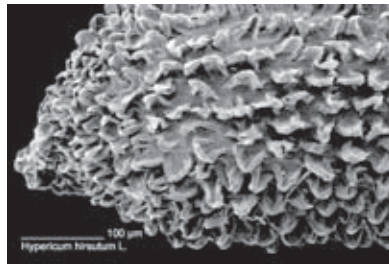
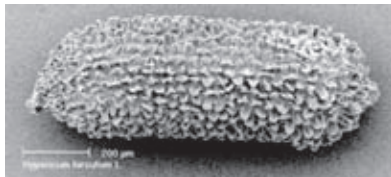
Formen und Strukturen

Hypericum androsaemum L.



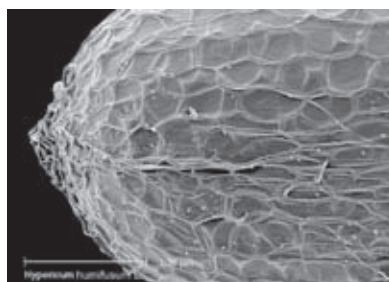
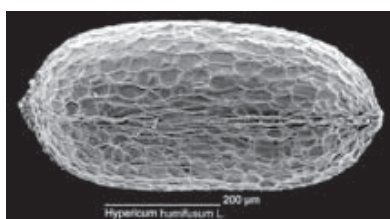
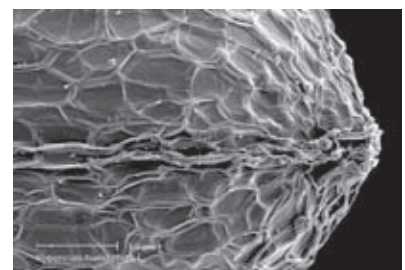
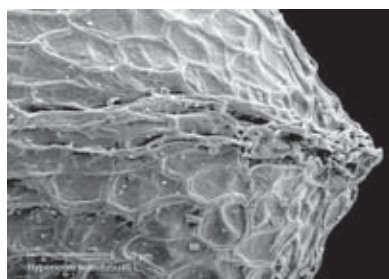
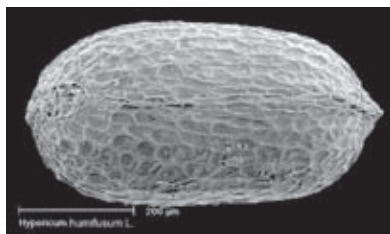
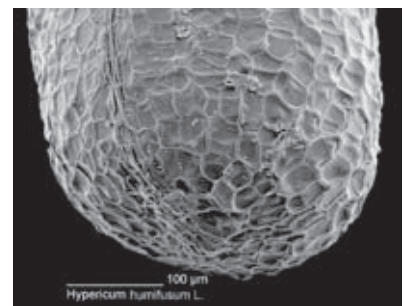
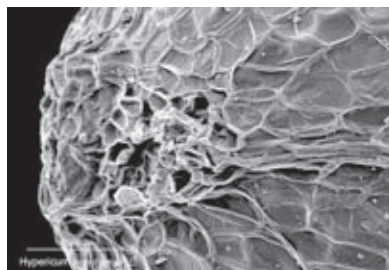
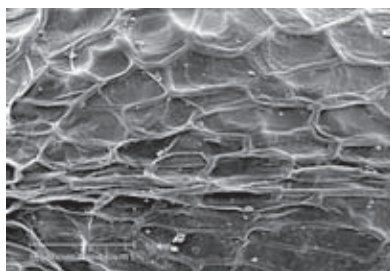
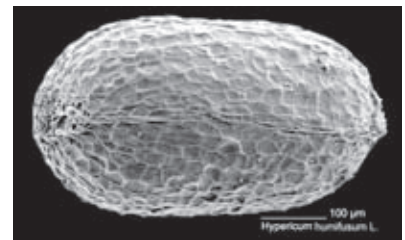
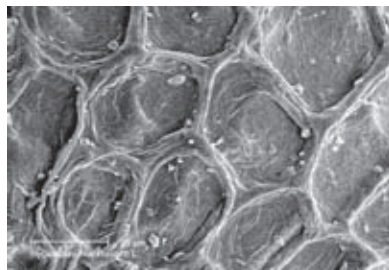
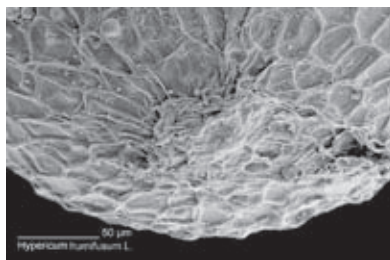
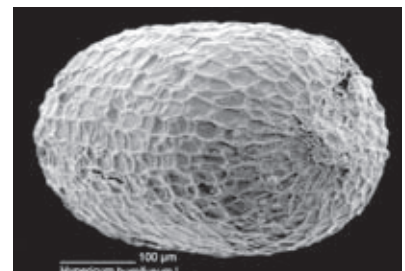
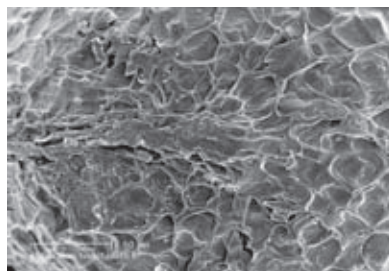
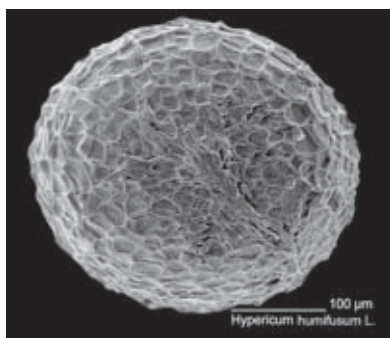
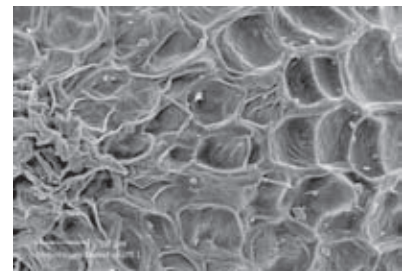
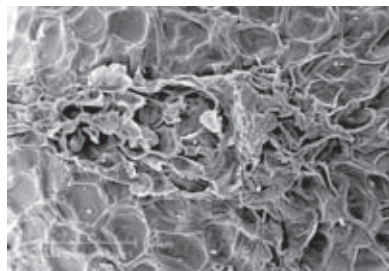
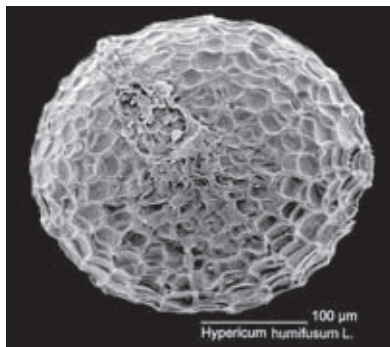
Formen und Strukturen

Hypericum hirsutum L.



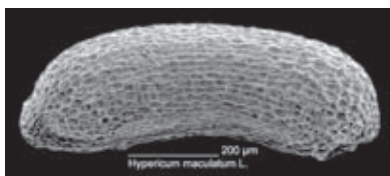
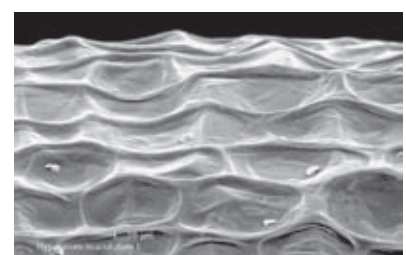
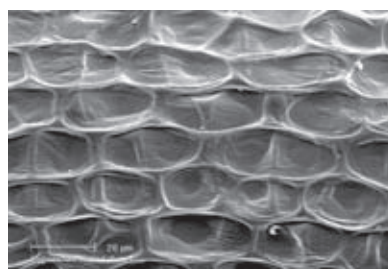
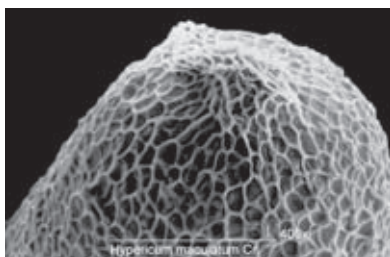
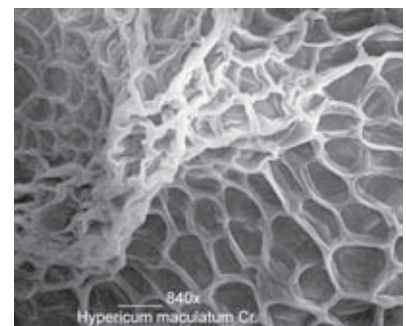
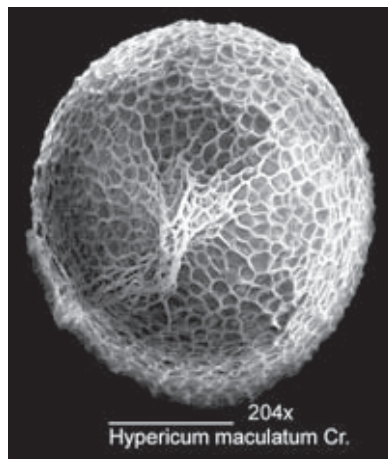
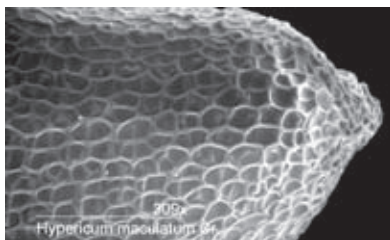
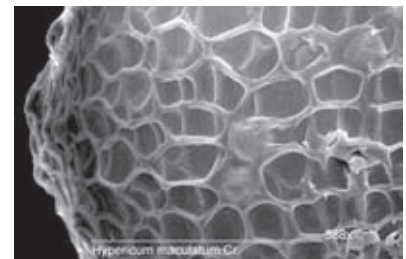
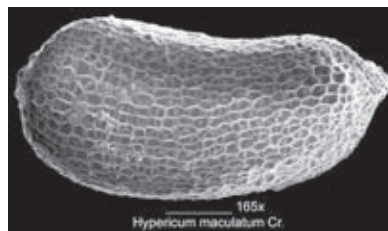
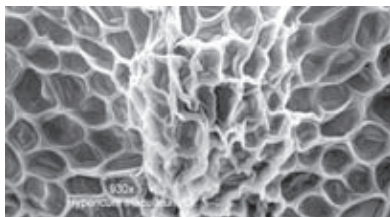
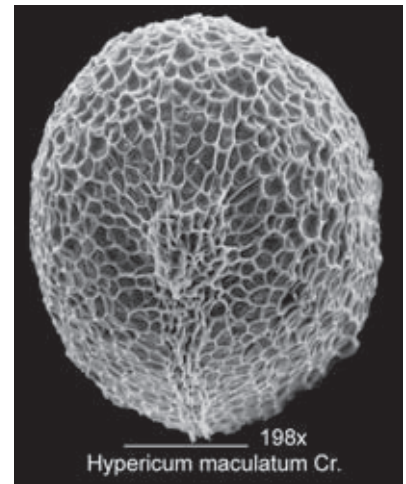
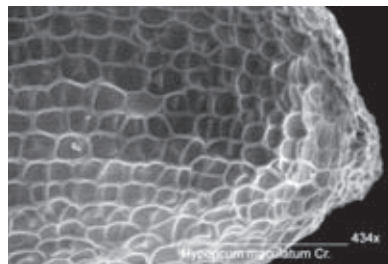
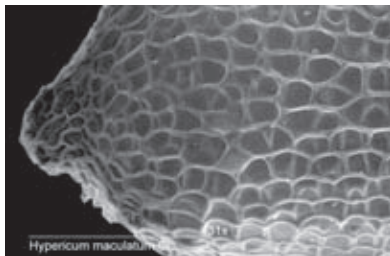
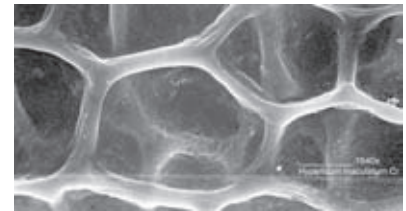
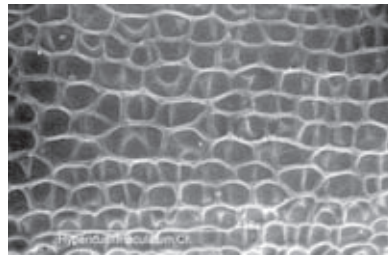
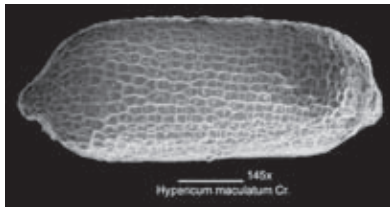
Formen und Strukturen

Hypericum humifusum L.



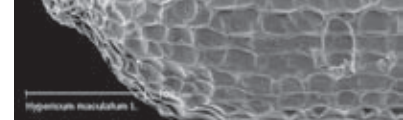
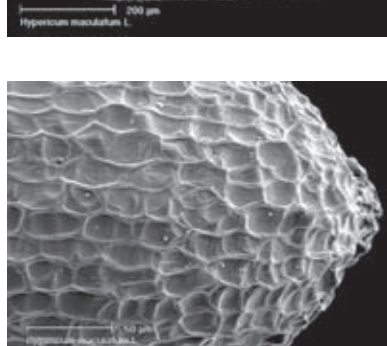
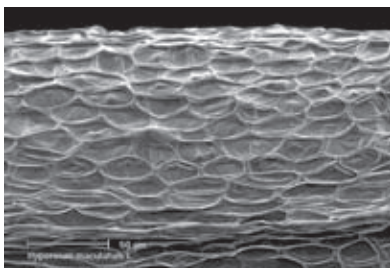
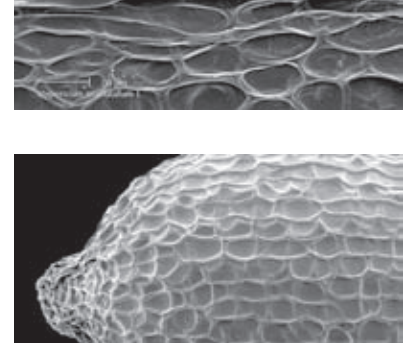
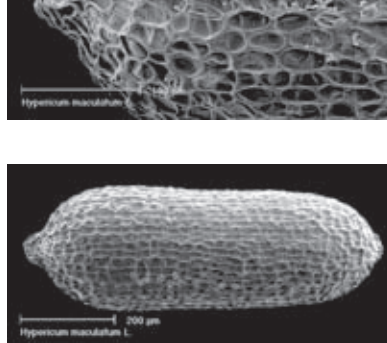
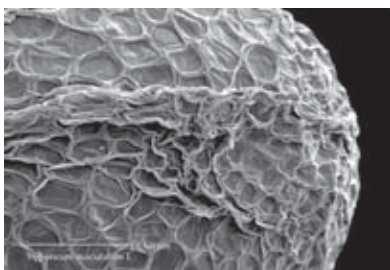
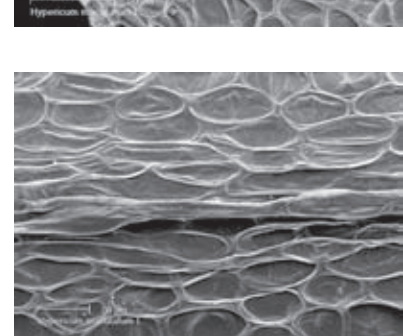
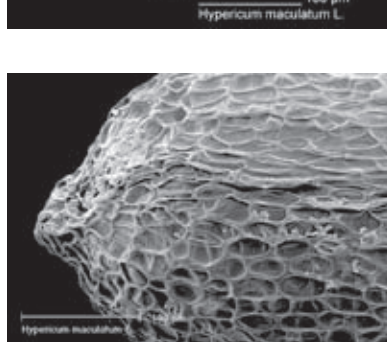
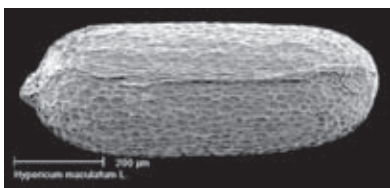
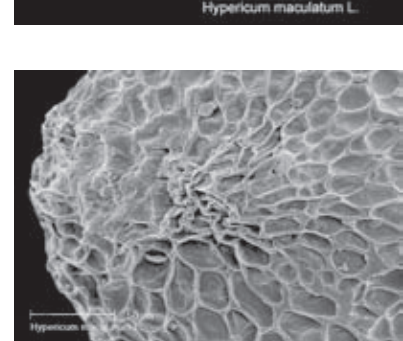
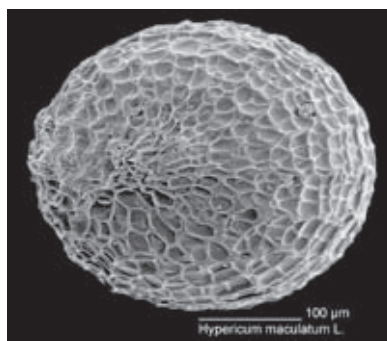
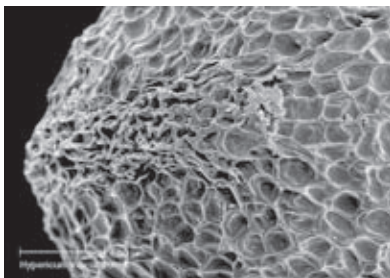
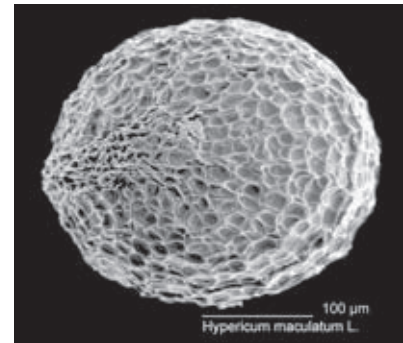
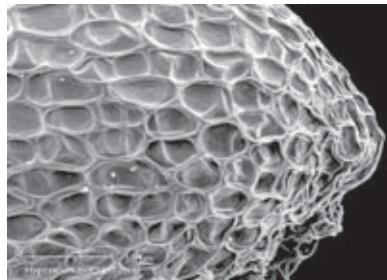
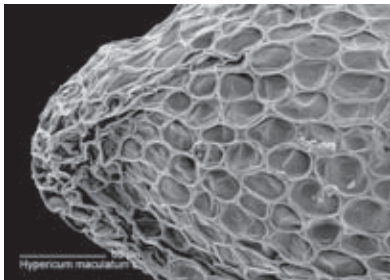
Formen und Strukturen

Hypericum maculatum Cr., Teil 1



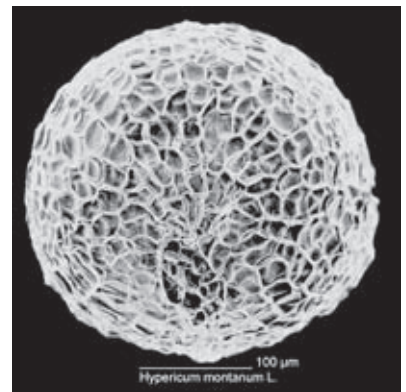
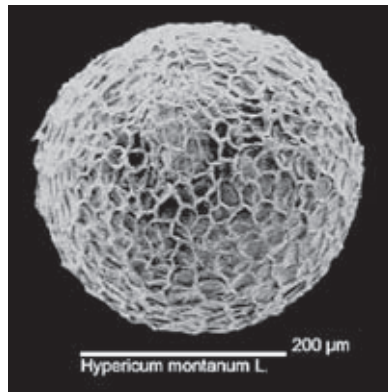
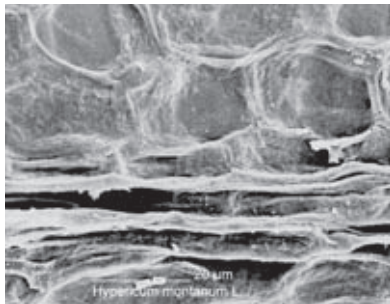
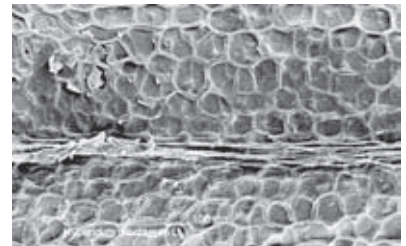
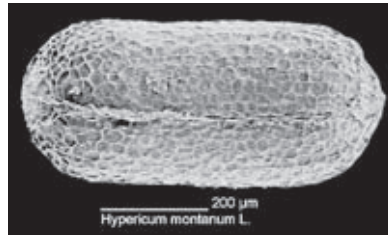
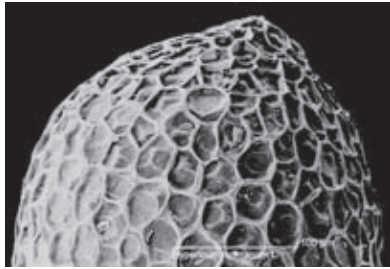
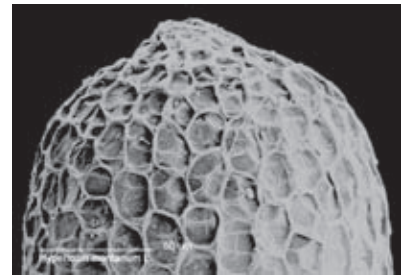
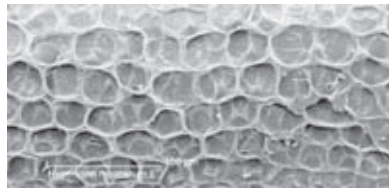
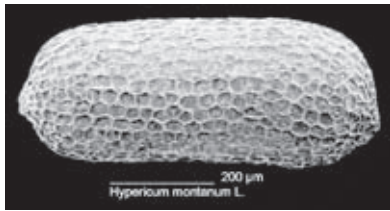
Formen und Strukturen

Hypericum maculatum CR., Teil 2



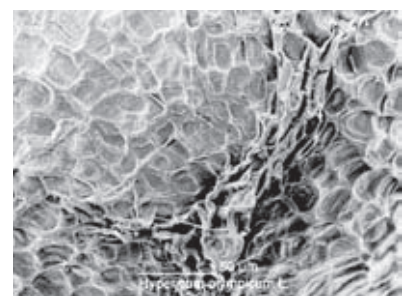
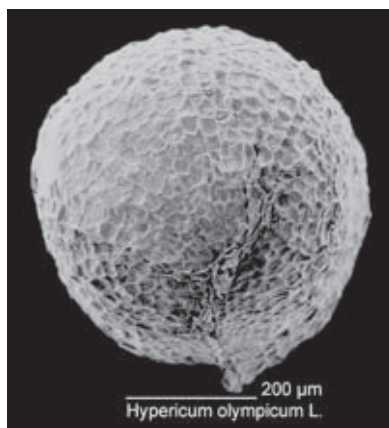
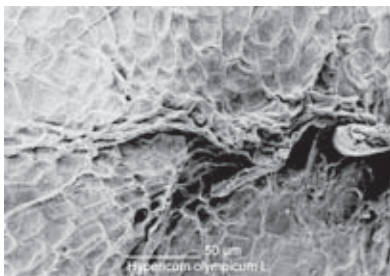
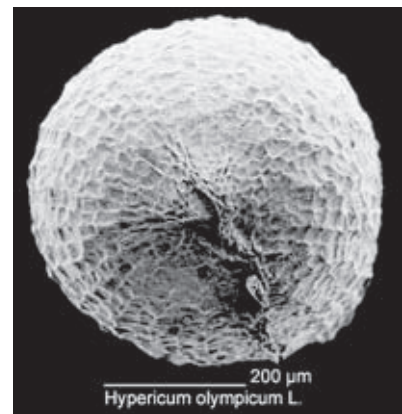
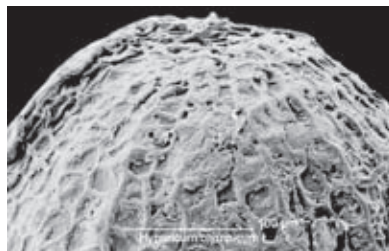
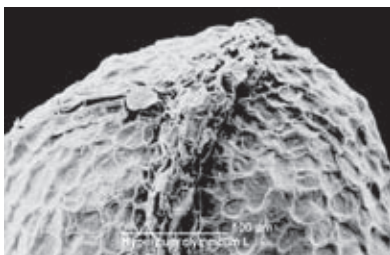
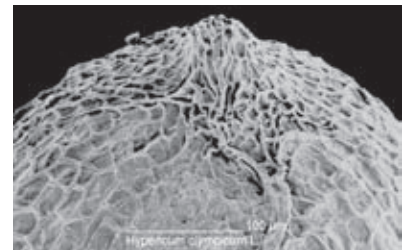
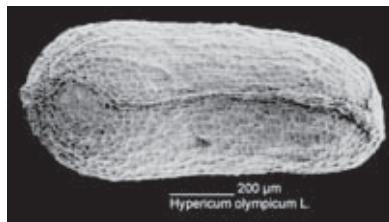
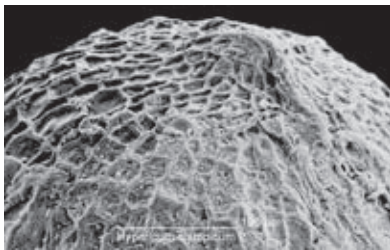
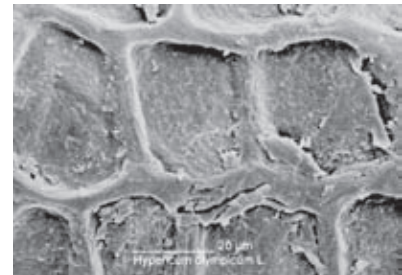
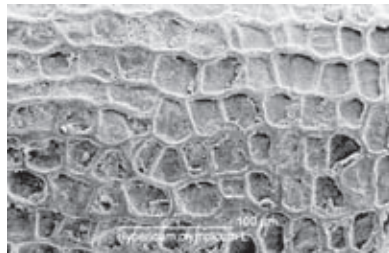
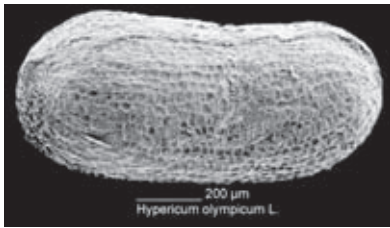
Formen und Strukturen

Hypericum montanum L.



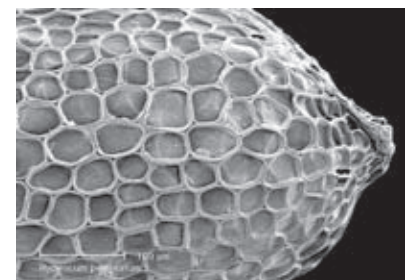
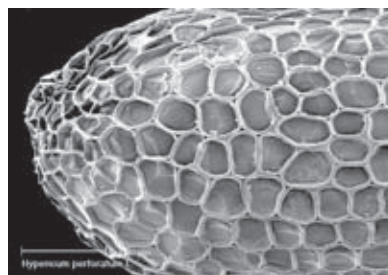
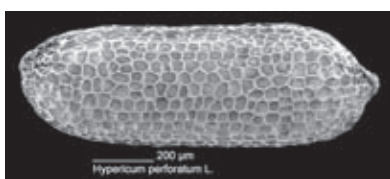
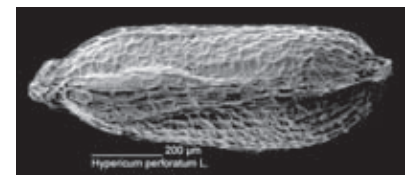
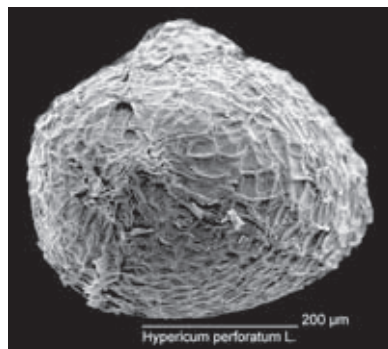
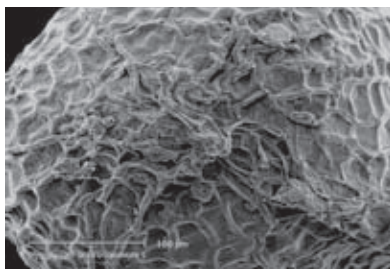
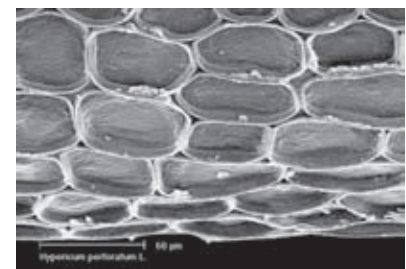
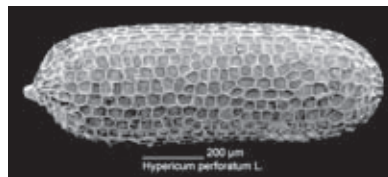
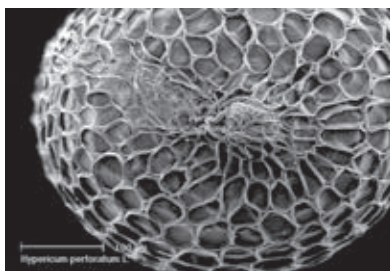
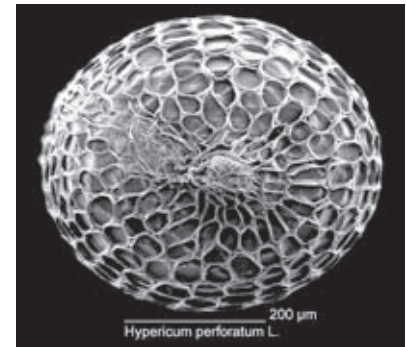
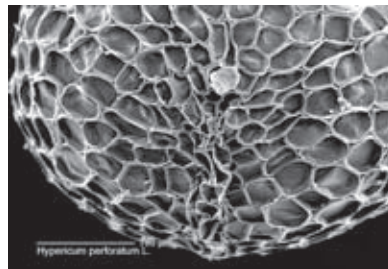
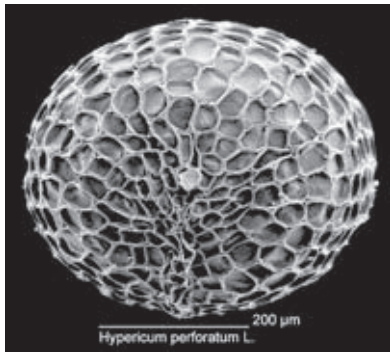
Formen und Strukturen

Hypericum olympicum L.



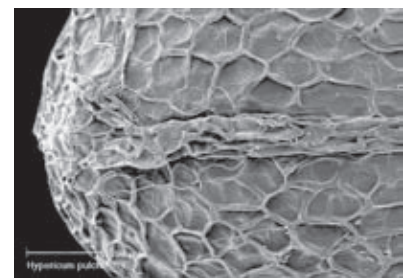
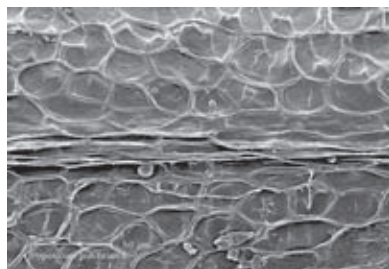
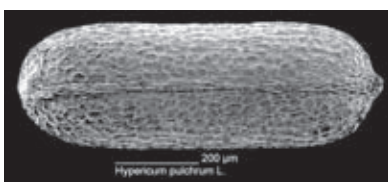
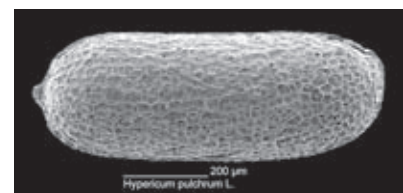
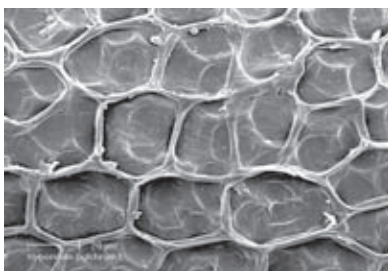
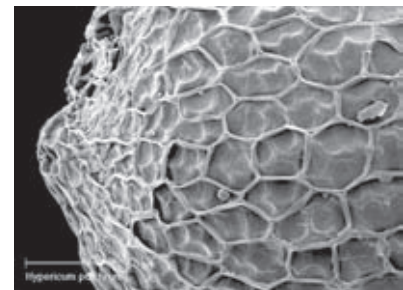
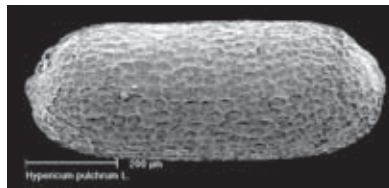
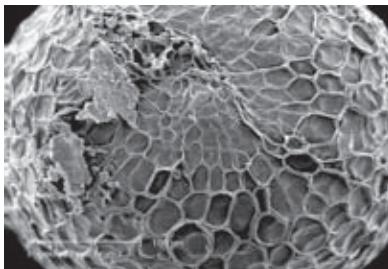
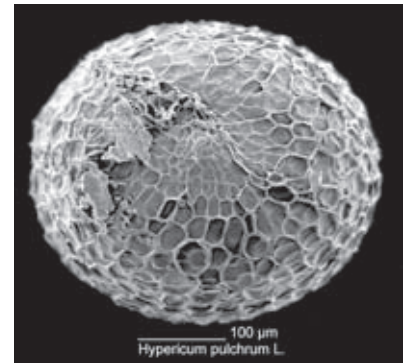
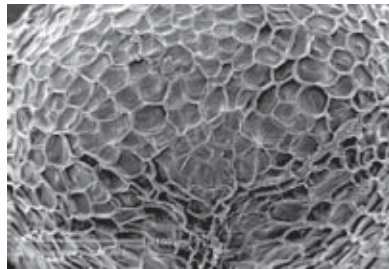
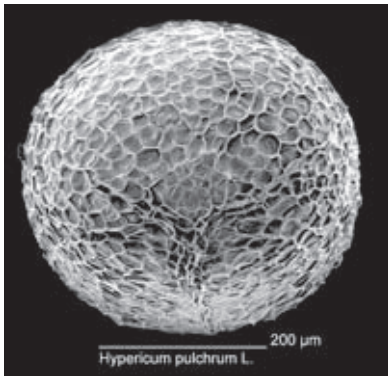
Formen und Strukturen

Hypericum perforatum L.



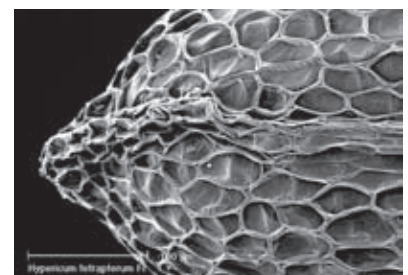
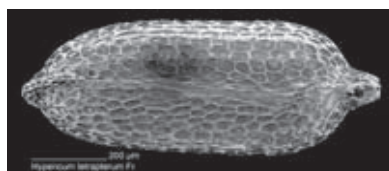
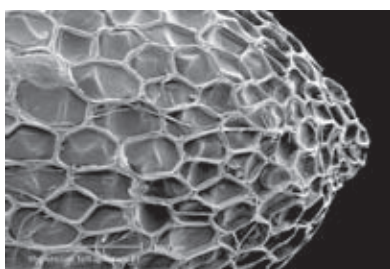
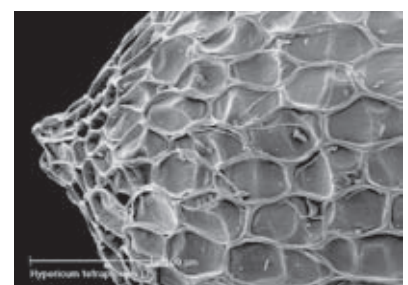
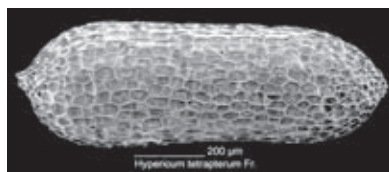
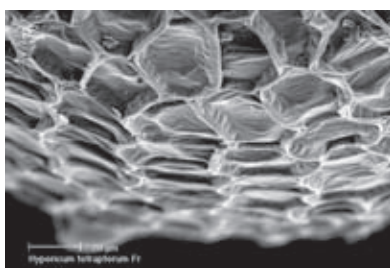
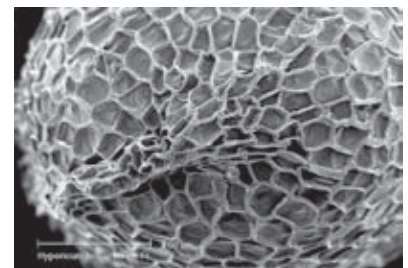
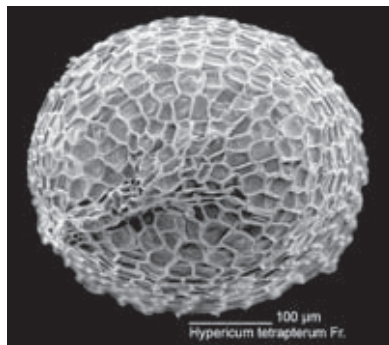
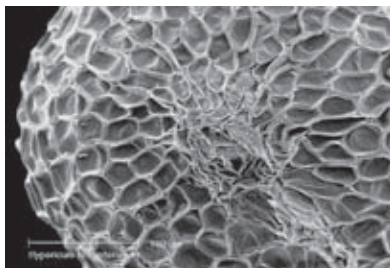
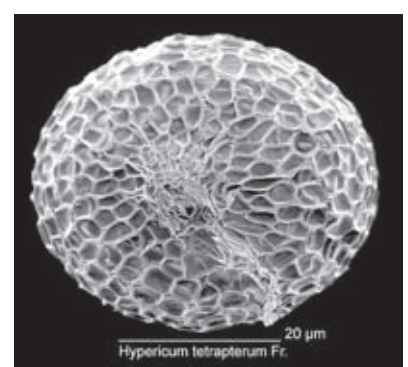
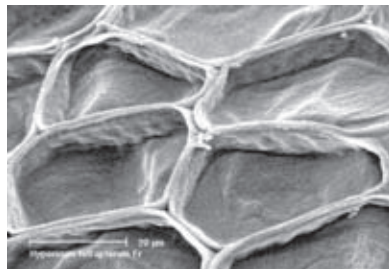
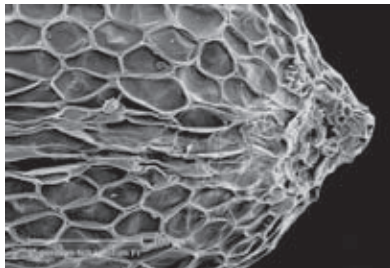
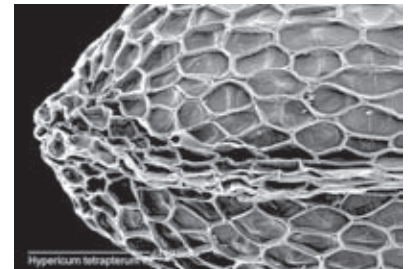
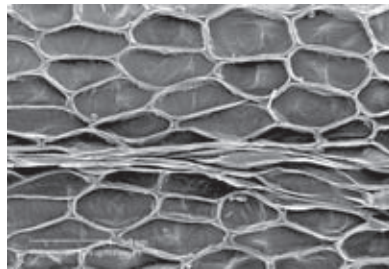
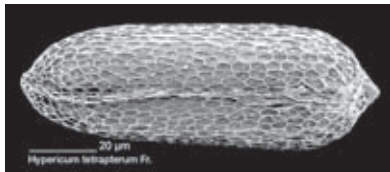
Formen und Strukturen

Hypericum pulchrum L.



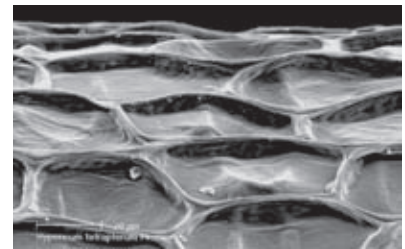
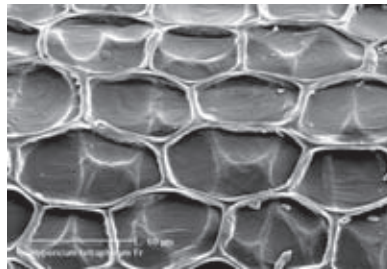
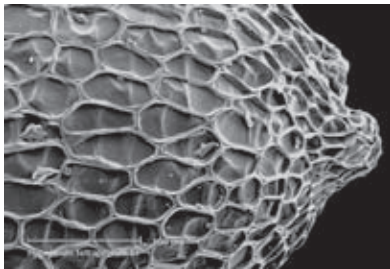
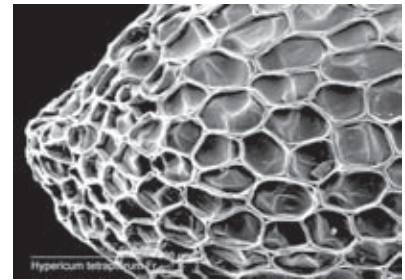
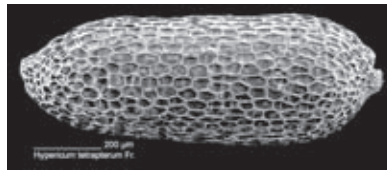
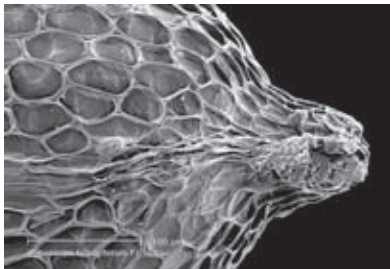
Formen und Strukturen

Hypericum tetrapterum FR., Teil 1



Formen und Strukturen

Hypericum tetrapterum FR., Teil 2



Auffallende Abweichungen von der Walzenform ergeben sich nicht, wenn man von den Ausbildungen an den Polen absieht. Auch die Oberflächenstrukturen sind auf vier Formen beschränkt: faltig, gitterartig, netzartig, schuppig. Damit dürften Hypericaceae-Samen leicht unter Samenproben zu erkennen sein.