

581. Hantzschia marina: C2 population x 1,280  
Valve exterior; note Voigt discontinuities  
(arrows).
582. Hantzschia marina: C2 population x 14,200  
Detail to show hoops.
583. Hantzschia marina: C2 population x 1,920  
Valve exterior; note biarcuate raphe.
584. Hantzschia marina: C2 population x 8,300  
Polar raphe ending.
585. Hantzschia marina: C2 population x 8,200  
Polar raphe ending; compare with F.584.
586. Hantzschia marina: C2 population x 8,400  
Valve pole; note abrupt bend in external raphe  
fissure immediately above the helictoglossa  
(arrow).

537. Hantzschia marina: C2 population x 5,700  
Centre of valve; note deflection of outer fissure  
towards proximal margin (arrow).
588. Hantzschia marina: C2 population x 16,200  
Inside of valve - part; note dichotomizing proj-  
ections into poroids (compare external aspect -  
P.532).
589. Hantzschia marina: C2 population x 15,300  
Valve, inside - part; note fibulae and longitudinal  
ridge (arrow).
590. Hantzschia marina: C2 population x 6,200  
1<sup>st</sup> band - end.
591. Hantzschia marina: C2 population x 6,200  
Other end of band illustrated in P.590.
592. Hantzschia marina: C2 population x 8,400  
Valve, outside - part; note unperforate nature  
of subaphe canal wall (right).

593. Hantzschia marina: C2 population x 16,800  
Internal central raphe endings; note the knob  
(arrow) just distal to the endings.
594. Hantzschia marina: C2 population x 13,000  
Fractured valve; note sections of hoops (top  
left).
595. Hantzschia marina: C2 population x 7,400  
Part of cingulum (bands numbered) - distal side,  
pole; note ligula on band 3, open end of band 4.
596. Hantzschia marina: C2 population x 6,400  
The first four bands - proximal side, pole;  
closed ends of bands 2 and 4. Note extension of  
the end of band 3.
597. Hantzschia marina: C2 population x 7,400  
Part of cingulum; note prominent ridge on the  
inside of band 3 (arrow).
598. Hantzschia marina: C2 population x 7,250  
Bands 2-5, distal side.
599. Hantzschia marina: C2 population x 7,200  
Other end of cingulum illustrated in F.596 -  
proximal side, pole; closed ends of bands 3 and  
5.

600. Hantzschia marina: C2 population x 1,470  
Partly silicified valve - distal side.
601. Hantzschia marina: C2 population x 7,000  
Detail of F.600 valve; note that the two sides of the raphe-sternum (arrows) are not in apposition.
602. Hantzschia marina: C1 population x 25,800  
Distal side of valve - part; note that the hymena are raised above the general level of the valve.
603. Hantzschia marina: C1 population x 14,400  
Valve, inside - part; note fracture (bottom left) revealing shape of hoops in section.
604. Hantzschia marina: C1 population x 3,520  
Frustule - proximal aspect; note open end of band 1 (arrow).
605. Hantzschia marina: C1 population x 7,650  
Valve pole - distal side; note polar raphe ending.

606. Hantzschia marina: A2 population x 6,600  
Valve centre; note deflection of raphe.
607. Hantzschia marina: A1 population x 13,600  
Valve centre; note ridge obscuring the central raphe endings.
608. Hantzschia marina: A2 population x 13,000  
Inside, part.
609. Hantzschia marina: A2 population x 13,000  
Inside, centre; note prominent knob.
610. Hantzschia marina: A2 population x 6,800  
Valve pole - distal side (slightly eroded form).
611. Hantzschia marina: A1 population x 14,700  
Inside, part.