PLATE XXIV.

The Lettering is the same in all the Figures.

A. Axial cord of the ray.
ai. Primary interradial cords.
ar. The secondary (radial) cords resulting from their bifurcation.
B. Basal.
ca. Fibrillar sheath round vascular axis of stem.
'ca'. Its radiating extensions.
cco. Interradial portion of the circular commissure.
ch. Cavities of the chambered organ.
ch'. Their downward prolongations into the stem.
chc. Fibres of connective tissue which traverse the fibrillar envelope of the chambered organ.
chn. The nodal enlargements of the peripheral vessels of the stem (*ch'*).
cv. Cirrus-vessel.
ico. Intra-radial portion of the circular commissure.
L. Interradial ligament.
l. Basiradial ligament.
lb. Interbasal ligament.
ld. Dorsal ligament.
ls. Interarticular ligament of stem.
p. Pigment granules.
R_1. First radial.
rp. Plug of calcareous tissue occupying the central funnel of the calyx.
V. Central vascular axis of stem.
X. Plexiform gland.

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			Diam.	Page
Fig. 1. Horizontal section of an upper internodal joint,	. .	×	15	23
Fig. 2. The central part of the same section, enlarged,	. .	×	90	120
Fig. 3. Horizontal section through the upper part of a nodal joint,	.	×	90	107
Fig. 4. Horizontal section of a nodal joint at the origin of the cirrus-vessels,	. . . . .	×	90	107
Fig. 5. The central part of a horizontal section through an internodal joint near the top of the stem,	. . . .	×	90	23

In this figure *ch* should be *ch'*, as in fig. 2.

Figs. 6–9. Four out of a series of nearly horizontal sections through the calyx.

Fig. 6. The centre of a section through the lower part of the basal ring,	. . . . .	×	90	105
Fig. 7. Section through the upper part of the basal ring,	. .	×	12	124
Fig. 8. Section through the lower part of the radials,	. . .	×	12	125
Fig. 9. Section through the middle of the radials,	. . .	×	12	125