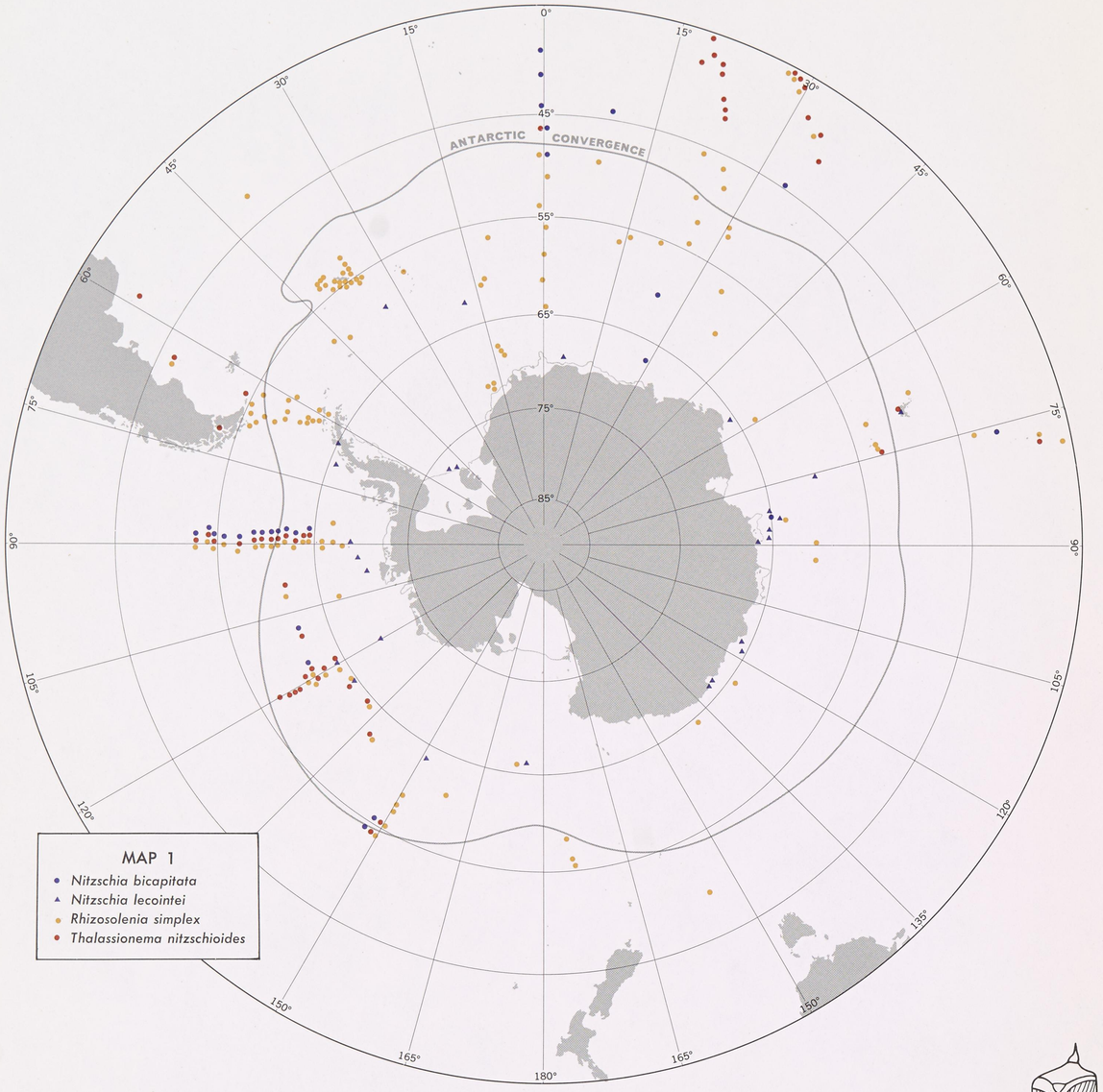


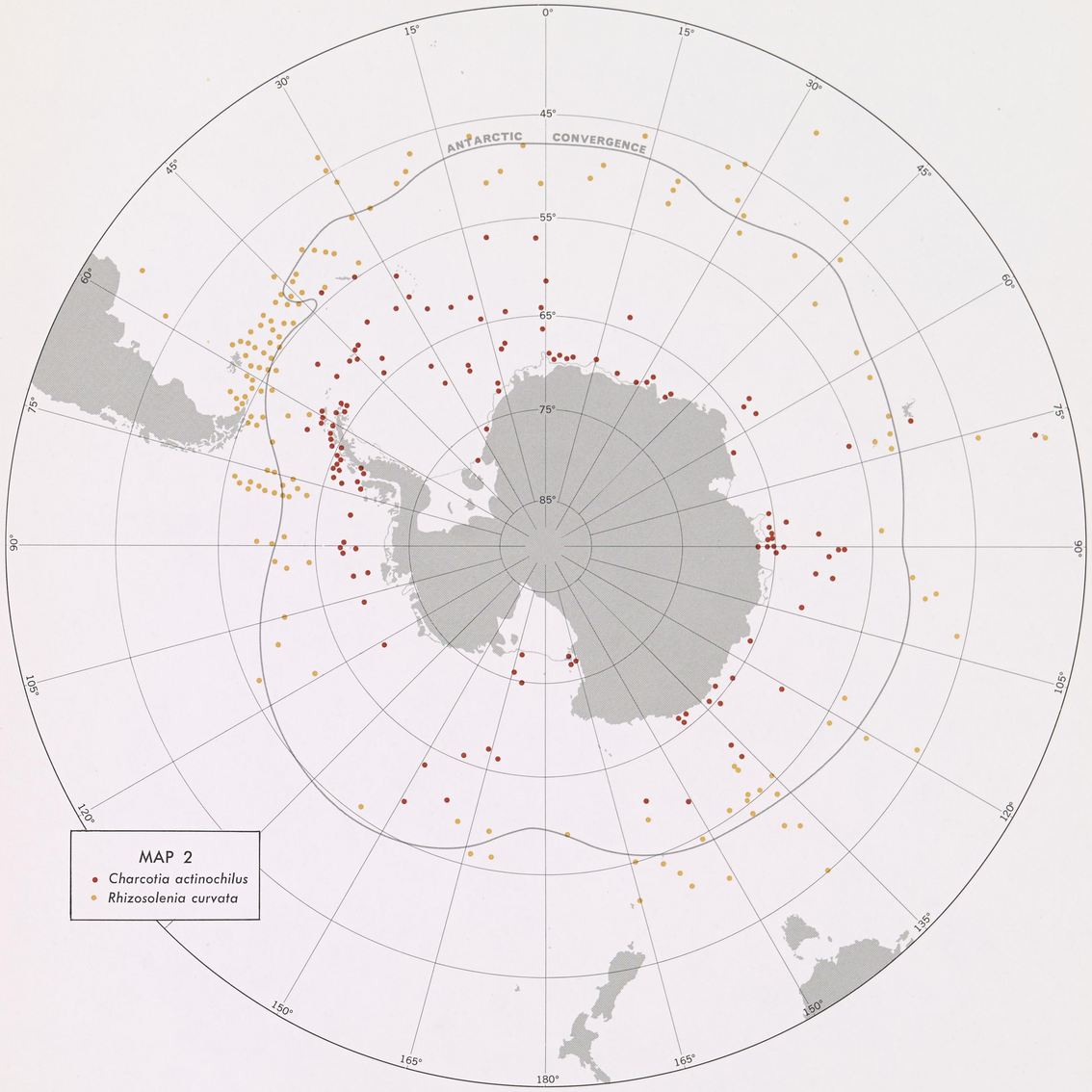

Fig. 1. *Nitzschia bicapitata*
X1500

Fig. 2. *Nitzschia lecointei*
X1500

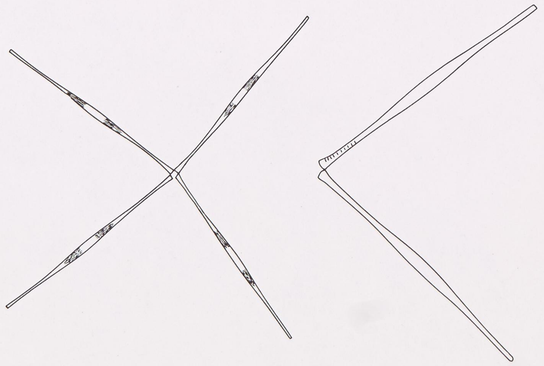

Fig. 4. *Nitzschia prolongatoides*
X1500

Fig. 3. *Nitzschia subcurvata*
X1500

Fig. 5. *Rhizosolenia chunii*
X1000

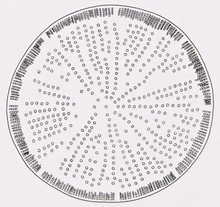

Fig. 6. *Charcotia actinochilus*
X1000

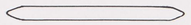

Fig. 7. *Rhizosolenia alata, antarctic form*
X200

Fig. 8. *Rhizosolenia curvata*
X200

Figures 1–3 are redrawn from original photomicrographs.
Figure 6 is from an original electron micrograph.
Figures 4, 5, 7, and 8 are original drawings made by camera lucida.