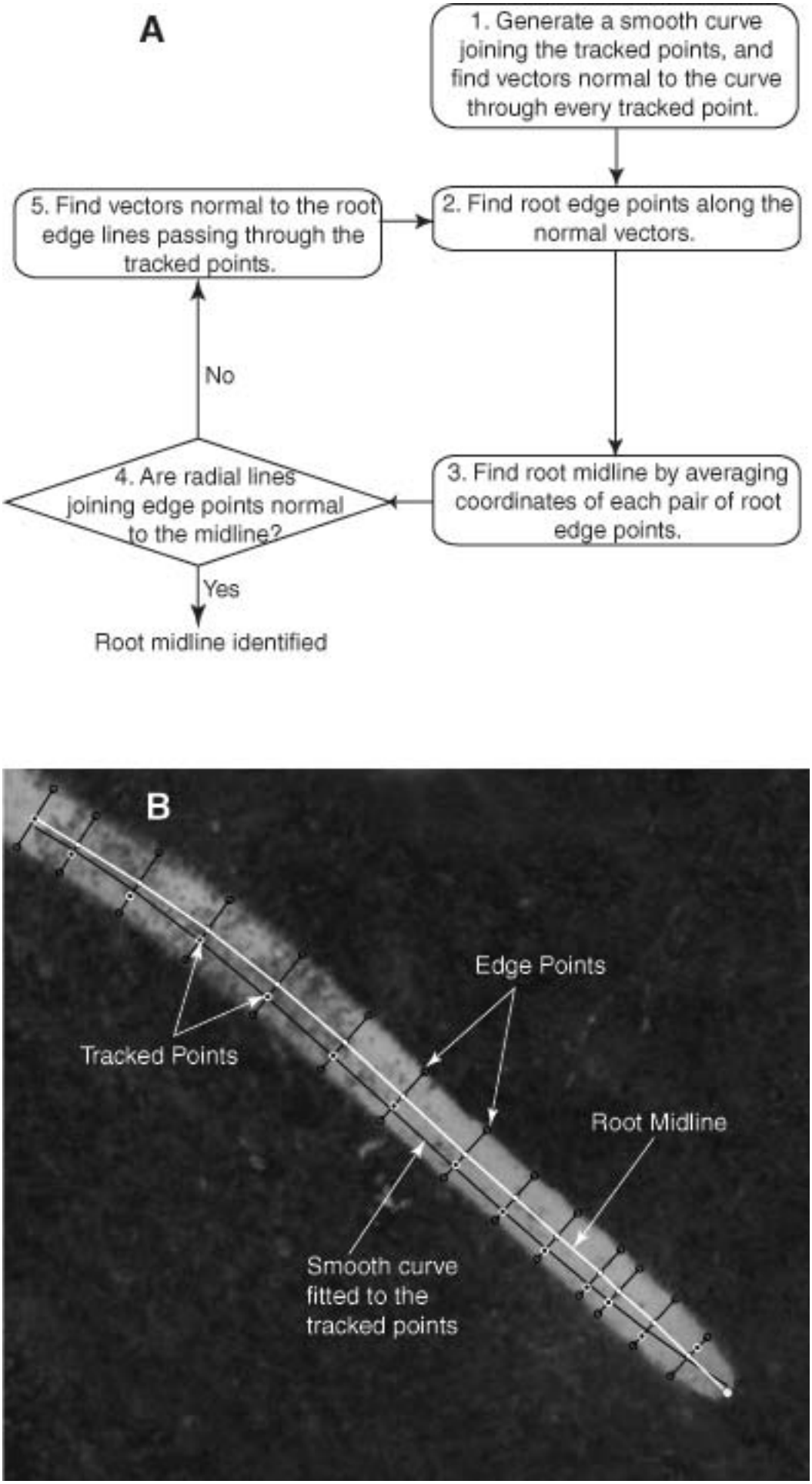
A
1. Generate a smooth curve joining the tracked points, and find vectors normal to the curve through every tracked point.
2. Find root edge points along the normal vectors.
3. Find root midline by averaging coordinates of each pair of root edge points.
4. Are radial lines joining edge points normal to the midline?
No
5. Find vectors normal to the root edge lines passing through the tracked points.
Yes
Root midline identified
B
Edge Points
Tracked Points
Root Midline
Smooth curve fitted to the tracked points