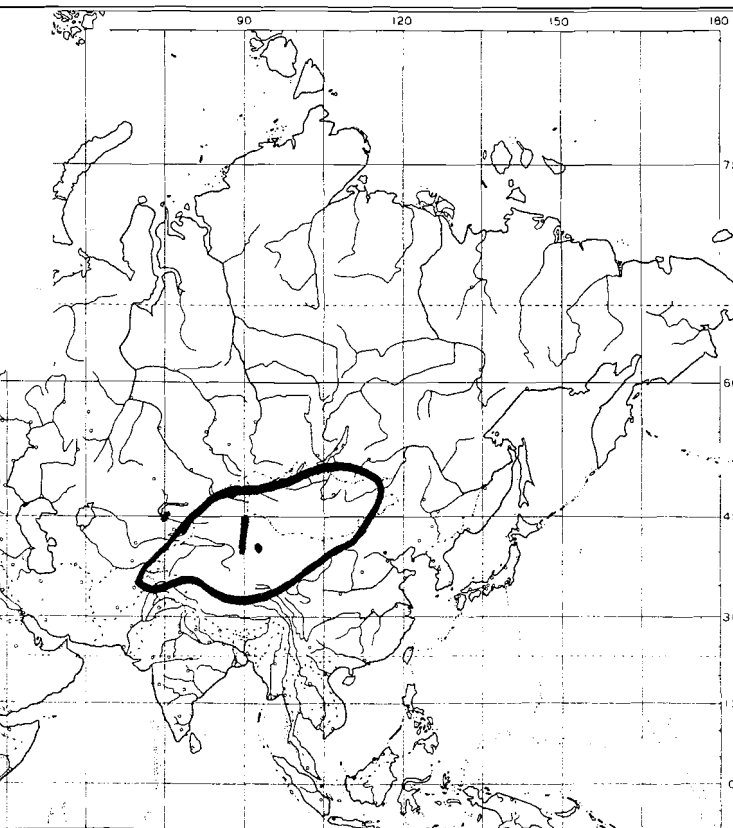
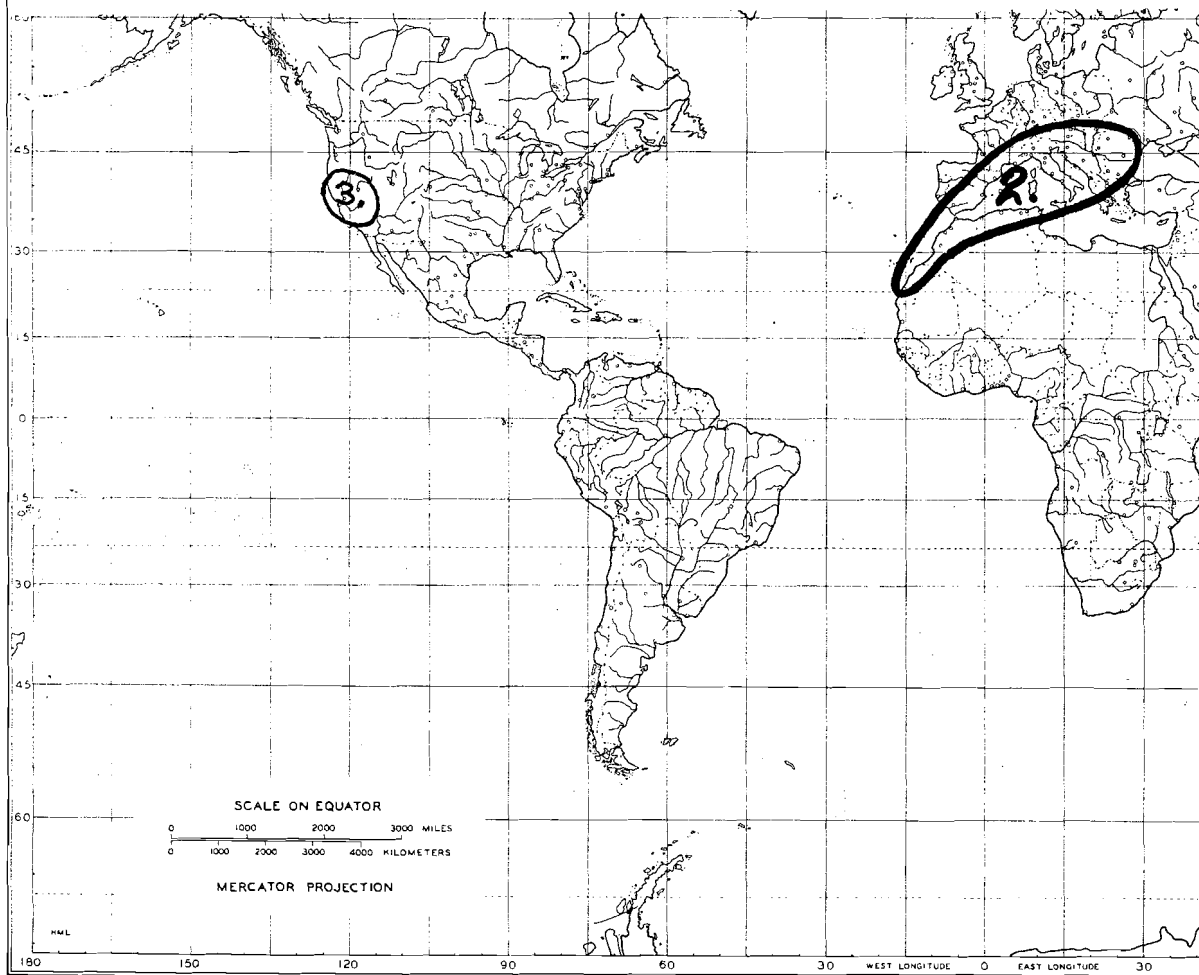


CENTERS OF DIVERSITY

1. Mongolia, southern U.S.S.R. & northwest China
2. Europe & North African Mountains: Morocco, Algeria, Tunisia, Spain, France, West Germany, East Germany, Austria, Czechoslovakia, Italy, Hungary, Yugoslavia, Romania, Bulgaria, Greece, U.S.S.R. (southwest), Switzerland.
3. Western United States (Oregon, California & Nevada).

NOTES:

- Many of the species in area # 1, which centers in Mongolia, are hardly known and I (Spjut) suspect many might be relegated to synonymy which then the European & Central Asian germplasm of Allium might be of equal importance.
- Allium probably includes 450 species, although estimates in the literature are frequently stated at 650 species.
- Allium is most common in temperate mountainous areas adjacent to semi-arid (desert) areas. Areas 2 & 3 encompass the coniferous forests of mountainous areas centered in mediterranean climatic regions. Area # 1 is cool temperate forests of mountains surrounding cold desert grasslands (Mongolian Desert).

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