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Radioactive Food Chains in Arctic Regions

Fig.1. Weekly mean values of artificial aerosol betaactivity in ground level air in southern and northern Finland / 1 /. The annual rainfall in Maarianhamina $(20^{\circ}\text{E}, 60^{\circ}\text{N})$ is 550 mm, in Ivalo $(27.5^{\circ}\text{E}, 68.5^{\circ}\text{N})$ 450 mm.

Fig.2. Picture of the lead shield used in the Finnish mobile whole body counter. The walls and the shielding door of the lead coffin are 4 cms thick, the $5 \ge 3$ in. crystal is protected by 4 cms lead in 3π solid angle. The shield and electronics are installed in a Hanomag Kurier truck. The shield weighs 2 tons.

Fig. 3. Living areas of Finnish Lapps. The results for settled mountain Lapps (=reindeer breeders) and fisher Lapps are presented in Table III.

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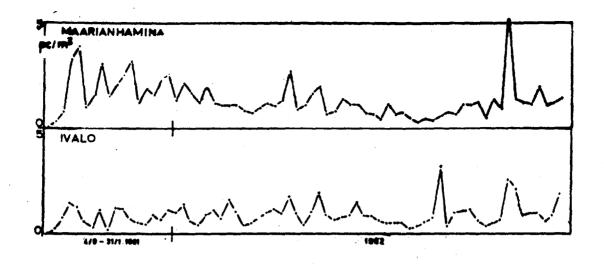


Fig.1

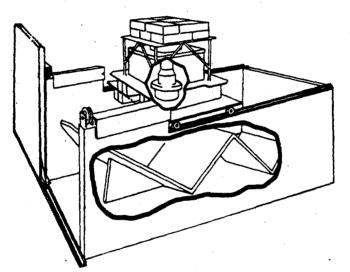
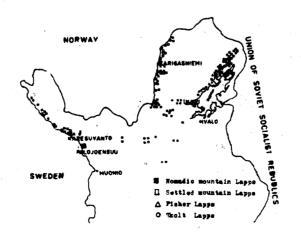


Fig.2



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