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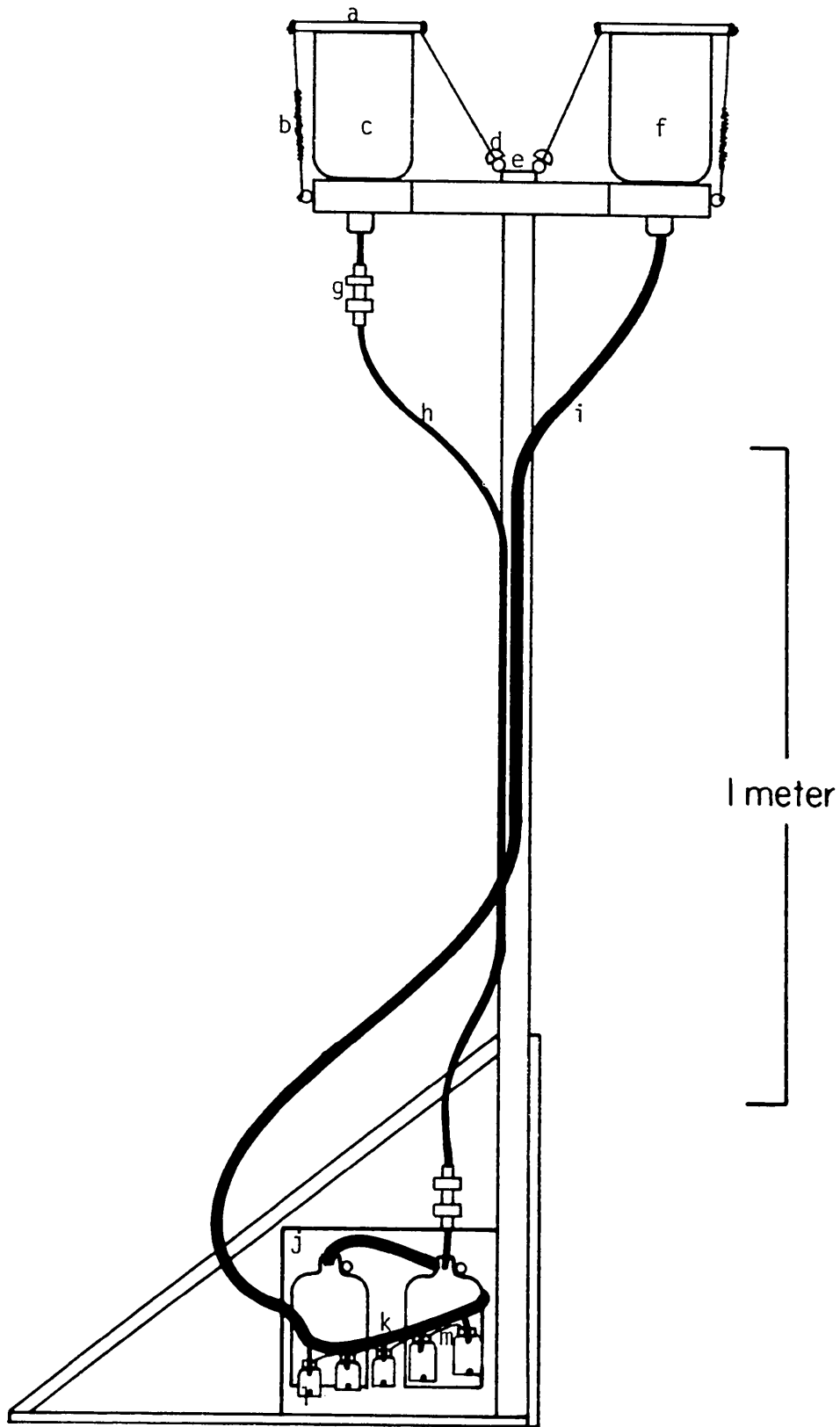


Figure I. Rainwater sampler. <sup>a</sup>3/16 inch plexiglass lid. <sup>b</sup>1.9-pound 5-inch spring. <sup>c</sup>Glass funnel made from acid bottles. Bottom of bottle has been cut off to make the top part of the funnel. <sup>d</sup>Plexiglass clamp. <sup>e</sup>Polyvinyl alcohol water soluble strip (1/2 inch wide double thickness of Dissolve Paper). <sup>f</sup>Conventional polyethylene plastic funnel made from 1 gallon container. <sup>g</sup>Swagelock <sup>Ⓢ</sup>connector with Teflon <sup>Ⓡ</sup>ferrels. <sup>h</sup>1/4 inch aluminum tubing. <sup>i</sup>3/8 inch CPE tubing. <sup>j</sup>Insulated styrofoam shipping container. <sup>k</sup>Inverted siphon consisting of 1/4 inch T's connected by 1/4 inch CPE tubing. <sup>l</sup>3/8 inch CPE float ball which seals the sample bottle by seating on the bottle cap. <sup>m</sup>1/16 inch I.D. CPE tubing for air escape as the sample bottle fills.