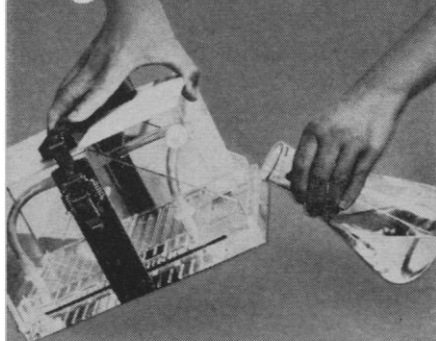


This electrophoresis cell takes any gel medium.



(But we'll give you five good reasons for choosing polyacrylamide.)

It's possible to use a starch gel in the EC470 Vertical Gel Electrophoresis Cell. Or agar, or silica, for that matter. But if you'll set those fussy recipes aside for a moment, consider polyacrylamide.

1 Polyacrylamide gel doesn't take sophisticated cookery. It doesn't require heat at all. Just prepare stock gel solutions. Then, polymerize by adding catalyst before pouring into the cell.

2 Polyacrylamide gel allows a range of pore size for optimum sieving of your sample. That's because it forms a useful gel over a wider concentration range than starch. You can also create two-dimensional variations of pore size for further molecular size information.

3 Polyacrylamide gel achieves superior resolution. Partly, that's because there are no ionized groups, therefore no electro-osmosis. Thus, the site of application is at the true zero of the mobility scale.

4 Polyacrylamide gel has a clear, colorless background after destaining. Since there is no intermediate slicing and clearing as with starch gel, there are fewer errors in transmission densitometry.

5 Polyacrylamide gel is strong and long-lasting. Wrap it in Saran Wrap; you can keep it for years.

Sorry we made it seem so easy. We'd just like to see you spend less time preparing the gels and more time using them. And you'll be happier with the results.

Telephone collect for full details on this system. Ask for Technical Service at (215) 382-9100. Or write for detailed information on "Vertical Gel Electrophoresis." E-C Apparatus Corporation, 755 St. Marks Street, University City, Philadelphia, Pa. 19104.



E-C helps you sort things out.

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It is not surprising that there may be more sagebrush in some situations after spraying. The control programs are not intended to kill all the sagebrush and its recovery and, indeed, its spread will depend much on subsequent range management. I doubt that the increase in sagebrush can be attributed to the spray program.

KEITH C. BARRONS

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Midland, Michigan 48640

References

1. G. E. Lynn and K. C. Barrons, *Proc. Northeast. Weed Control Conf.* (Rutgers Univ., New Brunswick, N.J., 1952), p. 331.
2. J. M. Sund and M. J. Wright, *Down to Earth* (Dow Chemical Co., Midland, Mich., summer, 1959).

Less Materialism—More Tradition

Abelson's editorial "Microcosms in a world apart" (29 Aug., p. 853) states that "we are not getting our money's worth, and it is time that constructive thought and effort were devoted to making it possible for the majority of our citizens to enjoy what could be achieved in the way of spirit-building recreational facilities." Such a goal could be achieved in the next generation if we, the present generation, became less materialistic and acquired the Old World's veneration for and teaching of tradition—quite opposite to our habits of permissiveness.

I was born and brought up just around the corner from Frankfurt's Palmengarten and I appreciated Abelson's comments on its skilled landscaping and grassy glades. However, I also recall how sad I was when all that beauty disappeared temporarily during World War I to make room for growing potatoes!

STEFAN ANSBACHER

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Botanical Congress

The U.S. National Committee of the XIth International Botanical Congress, held at Seattle, Washington, from 24 August to 2 September, passed the following two resolutions which should be of interest to readers of *Science*:

In spite of the progress which has been made in maintaining food resources to keep up with the world's increasing population, the members of the XI Interna-

The Universal Humidity Transducer

... still eludes us. For years we searched for a humidity transducer as versatile as the thermistor temperature transducer. No luck! So we've designed new "state-of-the-art" into instruments for all three classical humidity measurement methods:

wet bulb depression

heated dew point

refrigerated dew point

YSI's advanced thermistor technology is used to maximum advantage, helping in each of these methods to minimize the greatest source of error—the temperature sensing element and its readout.

Let us send you complete specifications. And should we succeed with the universal humidity transducer, we'll send data on that, too!

 **YELLOW SPRINGS INSTRUMENT CO.**
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