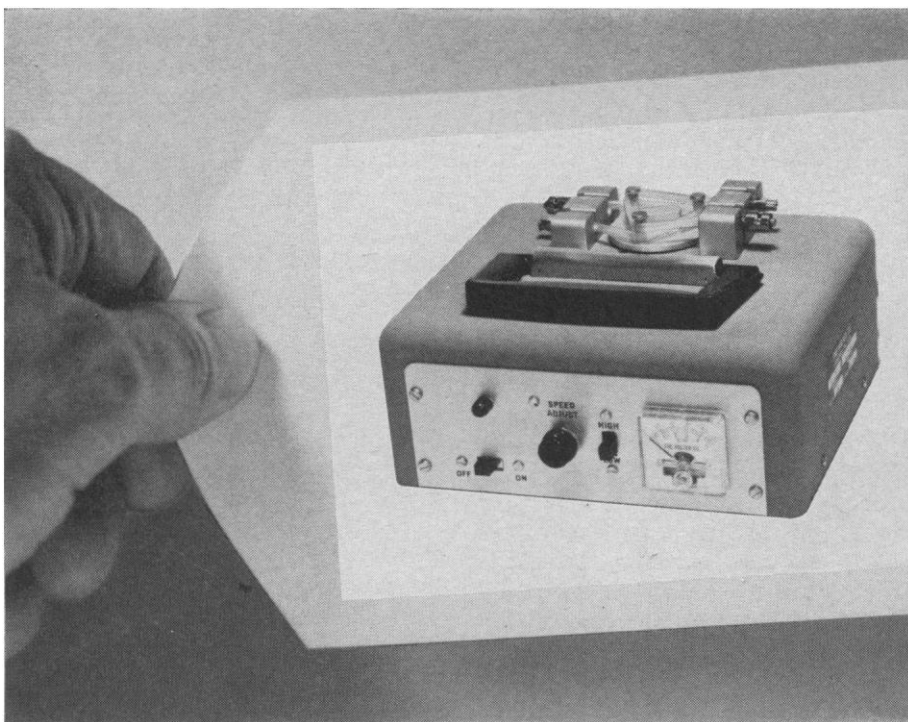




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levels that have been reported have never, to the best of our knowledge, been so high as to warrant alarm in terms such as "catastrophe" and "lethal levels." Nevertheless, the public must be protected against unusual prolonged periods of air stagnation and against local pockets of high concentrations of carbon monoxide that might occur during such periods in areas of traffic congestion.

The estimated 50-percent reduction of carbon monoxide emissions that will be brought about by compliance with the 1968 federal requirements should bring the prevailing atmosphere in New York City well below the New York State standard as new cars replace the older cars now on the streets. In extremely congested areas, somewhat higher levels may persist and public officials must evaluate what hazards, if any, may be associated with them so that appropriate control measures can be taken.

In summary, the trend of carbon monoxide concentrations in the prevailing atmosphere, and even in local congested areas, in large cities like New York is expected to be definitely downward despite any reasonable projected increase in national car population.

J. M. CAMPBELL

*Research Corporation,
General Motors Technical Center,
Warren, Michigan 48090*

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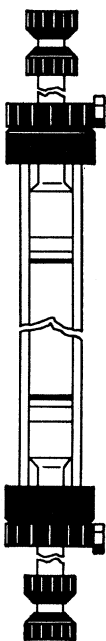
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Cold North Winds

I hope the Eskimologists don't elaborate too many animated hypotheses of Eskimo social, intellectual, and esthetic beliefs on the basis of the mask purporting to be "half man, half animal" (*Science*, cover right, 29 Dec.). The mask shows a classic Bell's palsy (facial nerve paralysis) on the right, with full voluntary contraction of the facial muscles achieved on the left. Old wives

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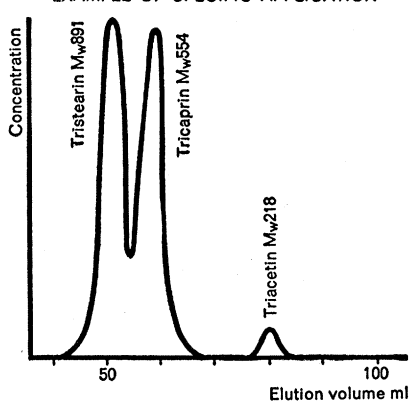
RANGE OF APPLICATION

Solvent	Approx. solvent regain ml solvent/g dry gel	Approx. bed volume ml/g dry gel
Dimethylformamide	2.2	4
Water	2.1	4
Methanol	1.9	3.5-4.0
Ethanol	1.8	3.0-3.5
Chloroform*	1.8	3.0-3.5
n-butanol	1.6	3
Dioxane	1.4	2.5-3.0
Tetrahydrofuran	1.4	2.5-3.0
Acetone	0.8	1.5

*Containing 1% ethanol.

Particle size: 25-100 μ

EXAMPLE OF SPECIFIC APPLICATION



Separation of glycerol esters in chloroform. Bed dimensions: 2.5x32 cm. Sample: 2 ml containing 4 mg of each substance. Flow rate: 0.6 ml/min.

For additional technical information, including the booklets *Sephadex LH-20* and *The Sephadex Solvent-Resistant Columns*, write to:



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16 FEBRUARY 1968

tell that the *à frigore* variety of Bell's palsy results from cold wind blowing on the cheek, sitting at an open window, and the like. Perhaps the Eskimologists will, with further study, be able to tell us if the subject for this mask lived in a drafty igloo.

W. KING ENGEL

4702 Broad Brook Drive,
Bethesda, Maryland 20014

The Naivet   of Science

In "Environmental pollution: Scientists go to court" (22 Dec., p. 1552), Carter cites the enthusiasm of Yannacone for the testimony given by scientists: "Those guys are virgin witnesses" he says." Carter then summarizes testimony given by Wurster, including the statement: "In New Hanover [presumably he means Hanover] 70 percent or more of the robins died, whereas in Norwich the population of robins actually increased, Wurster said."

The detailed report by Wurster *et al.* [*Ecology* 46, 488 (1965)] states:

Since the study areas represent 2¼ % of the sprayed part of town, and the May 1 resident population on these areas averaged 12 Robins, the total Hanover Robin population was approximately 500 to 550. Based on a 70% decline in the study areas by June 1, total Robin mortality in Hanover was about 350 to 400 birds.

The virginity extolled by Yannacone as an attribute of scientists would be helpful to those who wish to accept the extrapolation, made by Wurster, based on a sample of 12 robins. Worldly readers, however, might wonder if some of the Hanover robins had flown across the Connecticut River to Norwich, 2 miles away.

Robins fortunately are well equipped to fight off the extinction that has been meted out to them by the pens of conservationists. Roger Tory Peterson [*The Birds* (Time Inc., New York, 1963), p. 85] states:

What is North America's number one bird? Is it the house sparrow, introduced from England? Almost certainly not; the starling, less restricted to cities and farms, now outnumbers it. The American robin, however, is a more likely candidate than either. Found from coast to coast, it inhabits cities and forests alike and is one of the most abundant birds in the vast, 3,000-mile belt of conifers stretching across Canada to Alaska.

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