domestica L., SCR strain) was somewhat less than that of salithion and its ethoxy analogue which gave LD_{50} values of 2.5 and 7 µg/g, respectively. Within the 4-alkylidene series considered here, high toxicity to houseflies was conferred by a phosphate or phosphorothionate moiety, by several small exocyclic substituents (e.g., methoxy, ethoxy, or methylamino), and by R₁ as H, CH₃, or C₂H₅. The potency of compound **6** in inhibiting fly head and electric eel acetylcholinesterase was similar to that of the phosphate analogue of salithion. Several *O*-phenyl cyclic phosphates (R₁ = H, CH₃, or C₂H₅; R₂ = phenyl) administered intraperitoneally were potent synergists for malathion toxicity in mice and were delayed neurotoxicants in hens.

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CORRESPONDENCE

On Globulins of Soybean Seeds

Sir: My colleagues and I at Iowa State University wish to report some serious deletions in the literature citations in a pair of articles appearing in the Journal of Agricultural and Food Chemistry. The articles are the following: "2S Globulins of Soybean Seeds. 1. Isolation and Characterization of Protein Components", by I. Koshiyama,* M. Kikuchi, K. Harada, and D. Fukushima, J. Agric. Food Chem. 1981, 29, 336; "2S Globulins of Soybean Seeds. 2. Physicochemical and Biological Properties of Protease Inhibitors", by I. Koshiyama, M. Kikuchi, and D. Fukushima, J. Agric. Food Chem. 1981, 29, 340. Nowhere in their literature citations do they cite the original work of others more than 15 years ago. Among the original works are the following.

- 1. Birk, Y., et al. Biochem. J. 1963, 87, 281-284.
- Catsimpoolas, N., et al. Cereal Chem. 1969, 46, 136-144.
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- Eldridge, A. C.; Wolf, W. J. Cereal Chem. 1969, 46, 470-478.
- 5. Frattali, V., et al. Biochemistry 1968, 7, 521-530.
- 6. Frattali, V. J. Biol. Chem. 1969, 244, 274-280.
- 7. Kunitz, M. J. Gen. Physiol. 1946, 29, 149-154.
- 8. Obara, T., et al. Cereal Chem. 1970, 47, 597-606.
- Rackis, J. J., et al. J. Am. Chem. Soc. 1959, 81, 6265–6270.

Eto, M. "Organophosporus Pesticides: Organic and Biological Chemistry"; CRC Press: Cleveland, OH, 1974; p 253.

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- Rackis, J. J., et al. Arch. Biochem. Biophys. 1962, 98, 471-478.
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There have also been a number of excellent reviews on the chemical and physical properties of these soy trypsin inhibitors. Among them are the following.

Birk, Y. Ann. N.Y. Acad. Sci. 1968, 148, 388–399. Vogel, R., et al. "Natural Proteinase Inhibitors"; Academic Press: New York, 1968.

Liener, I. E.; Kakade, M. L. In "Toxic Constituents of Plant Foodstuffs"; Liener, I. E., Ed.; Academic Press: New York, 1969.

Kassell, B. Methods Enzymol. 1970, 19, 839–890. The failure to cite at least some of these original workers in the newly published articles leads one to believe the work is "new". Careful examination of the literature shows this to be quite the opposite.

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