

CHEMISTRY

Chairman: ARTHUR SMUCKER, Goshen College
FREDERIC SCHMIDT, Indiana University, was elected chairman for 1962

ABSTRACTS

Chemical Terms Derived from Latin. NED GUTHRIE, Hanover College.—Last year at the meeting of the Indiana Academy of Science, I presented a paper on chemical terms derived from Greek. From the demand for duplicate copies, I felt that it is worthwhile to present this paper on terms derived from Latin. Each root, prefix or suffix may have a number of words as examples. Following is a list of prefixes, roots and suffixes:

Ab. From, away or off.	Lign, Lignum. Wood.
Alba. White.	Luna. Moon.
Altus. High.	Meter. Measure.
Ambi. Both, both sides, around.	Per. Through, By. (In chemistry, per means excess, more, beyond.)
Greek Ampho, Amphia.)	Plumb. Lead.
Amyl. Starch.	Rubi, Rubor, Rubra, Rubum. Red.
Aqua. Water.	Spect, Spec. View, Look or Image.
Argentum. Silver.	Sub. Under.
Cide. Kill.	Super. Over, Above, Beyond.
Com, Con, Col, Cor. With or together.	Terr. Earth.
Duct. Lead.	Thesis. Place or Set.
Durus. Hard or lasting.	Tort. Twist or Wring.
Equi. Equal.	Toxic. Poison.
Ex, E. (Also Greek) Out.	Tract. Draw.
Flu. Flow.	Tude. State of, Quality of, Condition of.
Fract, Frag. Break.	Vers, Vert. Turn.
Fume. Smoke.	Uni. One.
Fuse. Pour, Liquefy by heat.	Ven, Vent. Come.
Insula. Island.	Rodo. Gnaw.
Lac, Lactic. Milk	Capr. Goat.
(Greek is galact or galacto.)	

The Reaction of Iminium Salts with Dichlorocarbenes. A. G. Cook, Valparaiso University.¹—The reaction between a typical iminium salt, 1-cyclohexenyl-N-pyrrolidinium perchlorate, and dichlorocarbene was studied. The dichlorocarbene was generated *in situ* by refluxing a mixture of sodium trichloroacetate in ethylene dichloride. The product isolated has been shown to be N-(1-trichloroacetoxy-1-carboxycyclohexyl)-pyrrolidine. The significance of this reaction along with a possible mechanistic reaction path is discussed.

1. Work carried out at Standard Oil Company Research Laboratories, Whiting, Indiana, under the direction of E. K. Fields, where the author was a Summer Professor, 1961.