

# ***Bulky or Supracyclopentadienyl Derivatives in Organometallic Chemistry***<sup>1</sup>

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## I

### INTRODUCTION

Cyclopentadiene (**1**), a simple organic compound first found in the volatile parts of coal tar, has become one of the most important ligands used in organometallic chemistry. More than 80% of all known organometallic complexes of the transition metals contain the cyclopentadienyl fragment or a derivative thereof.

<sup>1</sup> In commemoration of the late Prof. Jerold J. Zuckerman (deceased December 4, 1987).