

front of the glabella and the side-lobes behind the rachis of the pygidium are divided by an indented line."*

This group, both in Sweden and eastern Canada, was one of the first to appear, and it proved also to be one of the most persistent. The following species and varieties may be referred to it:

Agnostus obtusilobus.

A — *Davidis*, Hicks.

A — *gibbus*, Linrs.

A — — var. *partitus*.

A — — var. *acutirobus*.

A — *Nathorsti*, Brögg. and var. *confluens*, n. var.

A — *fissus*, Lundg., and var. *trifissus*, n. var.

A — *punctuosus*, Ang.

Limbati. Tullberg divides this group into two sections, viz., *Regii*, of which *A. rex*, Barr., is the type, and *Fallaces*, with *P. fallax*, Linrs., as the type. Both sections are old, being found in the earliest *Paradoxides* beds both in Europe and America. This group (*Limbati*) has the following characters: "A shield which is generally more quadrate in form than the *Longifrontes*; the head shield has a broader marginal fold; the basal lobes of the glabella are more prominent; the cheeks in front of the glabella are not separated by a furrow, and they are smooth, and the pygidium commonly has a pair of spines at the back margin."

"The section *Regii* is distinguished by its broad marginal fold, by the reduced cheeks and reduced side lobes of the pygidium; also the glabella, especially at the front part, is broad, and the third joint of the rachis of the pygidium is shortened."

The *Regii* have been found in America in the first and third sub-faunas of the *Paradoxides* zone. Only two species are known.

Agnostus regulus, and

A — *Rex*, Barr., var. *transectus* n. var.

The section *Fallaces* has the following characters: "The head shield is smaller, the marginal fold not so broad, the cheeks are larger, the basal lobes of the glabella rather large, and the third joint of the rachis of the pygidium is the largest."

The following species are found in eastern Canada and Newfoundland:

Agnostus fallax, Linrs., var. *vir*.

A — — var. *concinus*.

A — — var. *trilobatus* n. var.

A — *Acadicus*, Hartt.

A — — var. *declivis*.

* The last character is not constant as regards the pygidium.—G. F. M.