Palynological Study of some species of the genus *Cassia* L. (*Fabaceae*) Growing in the Jizan region

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Abstract: palynomorphological studies on 3 species belonging to genus *Cassia* representing of the subfamily Caesalpinioideae from Jizan region namely *C. italica*, *C. sena*, *C. fistula*, was studied by using light microscope (LM). Observation from the investigation showed that the pollen grains are generally radially symmetrical, isopolar, tricolporate and triangular-trilobed. The pollen morphology of the subfamily is significantly useful at the generic and specific levels.

Key words: *Cassia* subfamily Caesalpinioideae, pollen grains, micro morphological.