Phenylpropanoid Glycosides from Rhodiola rosa. — Two new natural compounds, (Ia) and (Ib), are isolated from the aqueous methanol extract of the title plant along with seven known secondary metabolites. Sugars (II) are isolated for the first time from R. rosea. Two secondary metabolites are isolated earlier only from the callus cultures of the plant but not from the differentiated plant. — (TOLONEN*, A.; PAKONEN, M.; HOHTOLA, A.; JALONEN, J.; Chem. Pharm. Bull. 51 (2003) 4, 467-470; Dep. Chem., Univ. Oulu, SF-90570 Oulu, Finland; Eng.) — H. Hoennerscheid