This study was conducted to evaluate the current concept and practice of the theology of Calvin in the Presbyterian Church in Taiwan (PCT). A questionnaire was sent to a total of 1057 pastors, and 27.5% of them responded. The respondents were predominantly male, non-aboriginal, and working in the northern part of Taiwan. The results showed that the pastors in PCT generally agreed with Calvin's doctrine about God, about Christian life, and his theological methods. The doctrine of predestination was the most debated one, and there was a gap between cognition and practice. Only 25.9% and 65.0% of the respondents thought that laypersons and pastors, respectively, would refer back to the Scripture to verify if their religious experiences were from the Holy Spirit. 93.5%; and 71.3% considered that half or less of the laypersons and pastors, respectively, had a regular prayer schedule. More than half of the respondents thought that PCT used less than 30% of its resources to train the laypersons. We propose that PCT should improve her education and practice of Calvin's theology and undergo constant self-evaluation and reform.