

forest culture; and there ought therewith to be added in tabular form, equally for the two foregoing titles, a compendium (Table No. 2), to which is added a report for the whole block and area, and amount of wood and timber summed together.

*Forest cultivating* (with special regard to sowing and planting), under which is noted in table form (Table III), by block division and subdivision, the area of the ground which during the period shall undergo complete forest cultivating (that is, clearing and raising forest again on the same place by planting or sowing), help culture, drainage, or other means for advancing regrowth, whereinto may be noted the nature of the measures and steps which, in every case, shall be adopted.

*Project for the future division of the forest in respect to rotation and thinning periods*, under which title, and with reference to the map of the forest, is indicated how it is considered, on the basis of the present state, the subdivisions ought to be united for hastening, and with least sacrifice of growth, to form suitable parts of the forest, corresponding with the twenty-year periods, separate report being made for the division of the ground in every block for tract cutting, thinning, or low forest growing.

*Pasture and autumn mowing*, under which is noted that which, with regard to the subject, should be observed during the division period.

*Means of facilitating the transportation and sale of wood and timber*, under which title is given, as may happen, the needful scheme for ways, improvement of floating courses, disposing of the sorts of timber necessary for the region, etc.

*Administration and care*, wherewith representation is made of what, in said respect, ought to be adopted to secure suitability of plan of economy, therewith always complying with what is prescribed by the control book for consumption and forest cultivation.

11. *Rotation with tract cutting* is determined so that, after knowledge is acquired of the kinds of trees the forest will yield, and the growing time required for them, the area of the forest-grown land is divided into the number of twenty-year periods which said growing time contains; thus, with one hundred and forty years' growing time by 7, with one