as the birds will devour sown grain unless prevented by artificial means. But in cases where rook ries have been broken up, the crops have in all cases been found to have been afterwards attacked by insects in an unprecedented degree, and in many instances the farmers have prayed for the restoration of these interesting and useful communities.

From a report read before the French Senate. praying for the protecting of those birds which destroy insects hurtful to our crops, we find it stated that the wireworm consumed £160,000 worth of corn in one department alone, and was the cause of the t'ree deficient har-vests which preceded 1856. Out of 504 seeds of colza, all but 296 had been rendered worthless by insects, entailing a loss of oil equal to 32.8 per cent. In Germany, according to Latrielle, the Phalaen monacha consumed whole forests. In Eastern Prussia three years ago, more than 24,000,000 cubic metres of firs had to be cut down, being so destroyed by insects. Man is unable to cope with these destroyers of the produce of his labours. His eye is too dull to perceive, and his hand too slow to catch them. Without the aid of birds he would be vanquished in the struggle. The commission, while it excludes birds of prey from its protection, partially includes buzzards and rooks, because the former consume 6000 mice yearly, and the latter an incalculable amount of wire-worms and other Sparrows are re-habilitated, and their grubs. usefulness shown by reference to the facts, that when their destruction was attempted in Huugary, winged insects increased so rapidly, that rewards for the destruction of sparrows were suppressed, and given for bringing them back. Frederick the Great ordered the destruction of sparrows, because they ate his cherries; but in two years time he found his cherries and all other fruits devoured by caterpillars. In a sparrow's nest in a terrace in the Rue Vivienne were found the remains of 700 Tipulæ, the larvæ of which turn to wire-worms-the greatest enemy the gardener and farmer have to contend with. Owls, and birds of that class, which agricultural ignorance pursues as birds of evil omen, ought to be welcomed. They are ten times more useful than the best cats, and not dangerous to the larder. The martins that were killed were found to have in their stomachs the remains of 543 insects. In order to protect these insect devourers, the report proposes the prohibition of all means of destroying birds save by fire-arms, with the exception of nets for wild ducks and palmipedes generally. The report also proposes the prohibition of bird-nesting, and destruction of eggs and the young birds."

We append an extract from another source, in reference to rooks versus grubs :---

."The grubs of the tipula family are amongst

the most destructive enemies the gardener at farmer have to contend against. Their eggs a deposited in the soil. As the grubs are hat ed they commence an active attack on the roor of most plants. The perfect insect appear; August, and is well known in Scotland as Dad Longlegs—in England as Gaffer Longlegs, To Taylor, or Tommy Longlegs. Their operation being carried on under ground, enables them elude the vigilance of man, but the instinct the rook is a match for them. It has been a culated that a family of rooks will consur 3,847 grubs per day. Supposing the consur-tion to be continued throughout the year would amount to 1,404,156; and supposing single grub to destroy as many plants of whe or other crop as might grow upon a space nine inches square, a family of rooks would m serve from destruction more than two acres If we extend our ideas further, and s corn. pose all these grubs to live and propagate the species, it is more than probable that if this o species of bird alone were extinct, the labour the husbandman would be nearly, if not at gether, in vain. Man therefore, should beam how he disturbs the balance of power mainta ed throughout the whole animal kingdom.

The power of reproduction in insects is of truly astonishing, and their destructive influe on cultivated crops, and sometimes even on trees of the wild forest is equally remarkable, our farmers of late years in particular, are too well acquainted. The study of the for tion, changes and habits of these little creak is exceedingly interesting, and is pregnants valuable, practical results. A corresponder a recent number of the Ohio Farmer, spa. of the increase of insects, says:

"It is a well-known fact in natural hist that there is such a thing as alternate general and it is an equally well-known fact to enton. gists, that there are viviparous and onpa generations of the same insect, during thes. year. May not the first generation of the. worm be oviparous, and the succeeding ge tion be viviparous, as in the following ca aphides. All the aphides, it has been well certained, which appear in the spring are e. sively females, no males being found till the tumn; and these females are endowed m fucundity almost incredible. M. Latreille. that one female during the summer months, produce about twenty-five a day, and Y i mur calculated that one aphis may be the genitor of 5,904,900,000 descendants. It's necessary for the young female aphides prot. during the summer to pair with a male, a indeed, would be impossible, as no make then to be found; yet these females go a during each their twenty-five a day of t