ANSELM BIRDS.

[illegible] estimate the aver- [illegible] farmers of this coun- [illegible] per an- [illegible] far below [illegible] alone by the [illegible] within a radius [illegible] this city, must [illegible] million. In my [illegible] once flourished, [illegible] and the trees [illegible] accumulated. Apples [illegible] most profitable and [illegible] important product; [illegible] half our average [illegible] what they do not [illegible] Plums we have ceased [illegible] years are gener- [illegible] blighted; even the [illegible] fruit destroying [illegible] must fight our paltry ad- [illegible] efficiently, or allow them [illegible] wholly from the field.

[illegible] I have no doubt that our best [illegible] this inglorious warfare are the birds. They will save us, if we did [illegible] them. The British plowman turning his sod with a myriad of [illegible] blackbirds [illegible] in his steps [illegible] but picking under his feet in [illegible] grubs, bugs, etc., is [illegible] devoutly thankful for. [illegible] of birds shall habitu- [illegible] our fields in May and [illegible] throughout the summer [illegible] we may reasonably hope to [illegible] crops of our favorite fruits from year to year, and realize that we [illegible] them to the constant, and zealous, though not quite disinterested efforts, of [illegible] the birds.

But I do not regard the ravages of insects as entirely due to the reckless destruction and consequent scarcity of our birds. I hold that their multiplications and their devastations are largely [illegible] by the degeneracy of our plants [illegible] of our culture. [illegible] consider a statement [illegible] some fifteen or twenty [illegible] by the late Gov. William F. [illegible] Pennsylvania:

"[illegible] Gov. P. the narrow [illegible] stream that runs into the [illegible] of the Susquehanna, which [illegible] of the primitive forest some [illegible] years since, and has ever [illegible] in tillage and [illegible] A road ran through the middle [illegible] it into two narrow fields. [illegible] years ago this road was abandoned, and the whole of this little valley, including the road-way, thrown into one single field, which was thereupon sown to wheat. At harvest-time, this remarkable phenomenon was presented: A good crop of sound grain on the strip [illegible] or five rods wide formerly covered by the road; while nearly every berry on either side of it was destroyed by the weevil or midge."

Now I do not infer from this fact that insect ravages are wholly due to our abuse and exhaustion of the soil. I presume that wheat and other crops would be devastated by insects if there were no slovenly, niggard, exhausting tillage. But I do firmly hold that at least half of our losses by insects would be precluded if our fields were habitually kept in better heart by deep culture, liberal fertilizing, and a judicious rotation of crops. I heard little of insect ravages to the wheat fields of Western New York throughout the first thirty years of this century; but, when crop after crop of wheat had been taken from the same fields until they had been well nigh exhausted of their wheat forming elements, we began to hear of the desolation wrought by insects; and those ravages increased in magnitude until wheat culture had to be abandoned for years. I believe that we should have heard little of insects had wheat been grown on those fields but one year in three since their redemption from the primal forest.

But, whatever might once have been, the Philistines are upon us. We are doomed, for at least a generation, to wage a relentless war against insects multiplied beyond reason by the neglect and short comings of our predecessors. We are in like condition with the inhabitants of the British isles a thousand years ago, whose forefathers had so long endured and so skillfully repelled invasion and spoliation by the Northmen that they had come to be regarded as these sea kings' natural prey. For generations, it has been customary [illegible] to slaughter without remorse the birds, and let caterpillars, worms, weevils, pots, &c., multiply and ravage unmolested. We must pay for past errors by present loss and years of extra effort. And, precisely because the task is so arduous, we ought to lose no time in addressing ourselves to its execution.

The first step to be taken is very simple. Let every farmer who realizes the importance and beneficence of Birds teach his own children and hirelings that, except the Hawk, they are to be spared, protected, kindly treated and (when necessary) fed. They are to be valued and cherished as the voluntary police of our fields and gardens, constantly employed in fighting our battles against our ruthless foes. The boy who robs a bird's nest is robbing the farmer of a part of his crops. He who traverses a farm shooting and mangling its feathered sentinels diminishes its future product of grain and nearly destroys that of fruit. The farmer might as well consent that any strolling ruffian should shoot his horses or cattle as his birds. Begin at home to make this truth felt and respected, and it will be the easier to impress it also on your neighbors.

Next, there should be neighborhood or township associations for the protection of insect-eating birds. We must not merely agree to let them live—we must cherish and protect them. I believe that very simple cups or bowls of cast-iron, having each a hole in its center of suitable size, that need not cost more than sixpence each, and could be fastened firmly to side of a tree with one nail firmly driven, would in time be adopted by many birds as nesting strongholds whence they might laugh to scorn their predacious enemies. If every harmless bird could build its nest among us in a place where its eggs would be safe from hawks, crows, cats, boys and other robbers, the number of such birds would quickly be doubled and quadrupled.

And we must summon the law to our aid. Though law can do little or nothing against stealthy, skulking nest plunderers, it can help us materially in our warfare with the cowardly vagabonds who traverse our fields with musket or rifle, blazing away at every unsuspecting robin or thrush that they can discover. Make it trespass, punishable with fine and imprisonment, to shoot on another's land without his express permission, and the cowardly massacre of the farmers' humble allies would be checked at once, and, when public sentiment had been properly enlightened, might, in civilized regions, be arrested altogether.—*New York Tribune.*

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Examine it.
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1850. THE 1870.

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Time Schedule, May 16, 1870.

EASTWARD.		Daily.	Hotel Mend'y Thursy	Mail Sunday excepted
San Francisco	Le	8.00AM	8.00AM	4.00PM
Oakland	"	8.30 "		4.30 "
San José	"	8.35 "		5.25 "
Stockton	"	12.07PM		8.15 "
Sacramento	Ar	1.50 "	1.50PM	10.00 "
Sacramento	Lv	2.10 "	2.10PM	Emigrnt 9.00AM
Junction	"	2.55 "		10.30 "
Marysville	Ar	4.00 "		1.15PM
Colfax	Lv	5.00 "		4.00 "
Cisco	"	9.00 "		8.45 "
Reno	"	1.15AM	1.15AM	7.45AM
Wadsworth	"	2.50 "		9.45 "
Winnemucca	"	9.10 "		10.15PM
Battle Mountain	"	12.00 M		3.50AM
Carlin	"	3.10PM		10.00 "
Elko	"	4.40 "	4.40PM	12.30PM
Kelton	"	1.30AM		7.45AM
Corinne	"	4.52AM		2.50PM
Ogden	Ar	6.00 "	6.00AM	5.00 "

WESTWARD.		Express Train Daily	Hotel Thrsdy Satrd'y	Emigr Daily
Ogden	Lv	6.00PM	6.00PM	5.00PM
Corinne	"	7.11 "		7.35 "
Kelton	"	10.42 "		1.30AM
Elko	"	8.45 "	8.45AM	7.15PM
Carlin	"	10.15 "		9.45 "
Battle Mountain	"	1.25PM		3.05AM
Winnemucca	"	4.05PM		9.00 "
Wadsworth	"	10.45 "		9.00PM
Reno	"	1.00AM	1.00AM	11.30 "
Cisco	"	5.55 "		8.15AM
Colfax	"	8.45 "		11.37 "
Marysville	"	9.10 "		4.00PM
Junction	"	10.30 "		5.05 "
Sacramento	Ar	11.25 "	11.25AM	6.30 "
				Mail Sunday excepted
Sacramento	Lv	11.45AM	11.45AM	7.00AM
Stockton	"	1.40PM		8.45 "
San Jose	Ar	6.31 "		12.45PM
Oakland	"	5.30 "		12.10 "
San Francisco	"	6.00 "	6.00PM	12.40 "

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Western Passenger and Freight Agent.
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