# NORTH CAROLINA SPECTATOR 

 AND WESTERN ADVERTISER.Blisifd every priday monying,
ROSWELL ELMER, $\mathrm{J}_{\mathrm{R}}$.
 the clase of the year, twenty-ive censs will be
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ail arreara.

 $\mathbf{A}^{\text {taxe }}$
 ning at a White Oakk Locust and Hickory, Begin



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me time and place, I will sel
bYNUM W. BELL,

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rable good FARM, Hiveny arres, with a



State of North Carolina,
Rutherford County.
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$\frac{\text { Charlotessille, } \mathbf{a} \text {, December 1, } 1829}{\text { Pria }}$ T


own, or the subgcriber ANDREW LOGAN

AGRICULTURAL. "The agrientural interest of our country is ese

CFrom the Batimore Gazete. $]$
CLTIVATION OF SLK The fixtures necessary for raising silk-
orms are, appropriate tables or shelves in number or size coresponding with the
number of worms to be fed. The best form for shelves that I have. seen is that
adopted by my friend Mr. J. Y. Tomkins of this sity. It is about $21-2$ feet wide
 with a piece 2 nehes wide nailed flat on
te uper etge along the sides and ends
with legs about a foot long in the corners The legs do not pass through the tabse,
but leave a part of the hole on the upper but leave a part of the hole on the upper
side, or the feet of another table to set Thus contrived, five or six of these
andes are set one above another, and are taken down, cleaned and again set up with
facility. One of these shelves will accommodate about soo worms. If Ic could suggest any improvement upon these
shelves, it would be the substitution of twine net-work for the board floors, with slides to catch the excrement of the worms,
The room or laboratory must of course be of a size propotionate to the number o worms raised, and should be provied with windows or other ventilators on the north
and south sides at least; and if one or ing, it will be of great service. Thes
ventilators, however, should have shutter that they may be closed at any time when necessary. Fire places or stoves should
also be provided for use when neeessary
For the accommodation of $\mathbf{1 , 0 0 0 , 0 0 0}$ worms, a room about 80 feet long and 40
wide would be required. A large estabshment would also require a ware-roon for the deposit of
should be large, so
the leave may
out for he pupose of drying. This room ight be advantageously situated above lso be useful, for keeping the leaves fres in dry weather:-white mulbery leaves nulbery leaves will not keep so long. The number of attendants necessary $f$ f
$1,000,000$, of worms, will be two the first week, four the second, eight the thir the feeding season; one half of which
may be boys and girls.
At the period of hate
At the period of hatching, which in Mathe eggs, which are presumed to have
been kept in the cellar, may be called the hatching table. The proper period is always best ascertained by the state of the
mulberry leaves. I consider the best and most safe time to be that when the leave
are about the size of a half dollar. The hatching table may be kept in the com-
mon laboratory. If the weather be mild
and warm, and warm, the eggs will begin to hatch in
eight or ten days. ?The first day or two
there will but few leave the eggs-they need not be attended to. On the third day a considerable quantity will hatoh.
Some fresh leaves should then be laid on
them, when they will soon atta them, when they will soon attach them-
selves to the leaves, and should be re-
moved on to a shelf, and be thinly spread out. The next day all that have hatched so on till they have all hatched, wh
will generally be in five Each day's hatching should be placed. on
different shelves, and the whole laboratory arranged into as many divisions shelves, as there were day's hatchings, that
they may be continually kept separate This is important, that the दitip pejleds:
moulting and spinning may be as nearl
the samith moulting and spinning may be as nearly
the same with all the worms quy. shidfas
possible. In large establishments. Cotnall, close
room, with a stove, wilfopery usful in
hatching the eggs; as the temperature may be regulated at pleasure. Bufin this
case the thermometer is almost indigpen sable, as there would be danger of too
high a degree of heat, which would spoi the eggs at this season, and theivecessary
equability and gradual increase of tem perature cbuld not be secured without one
In this mode of hatching by artificial heat the worms will be brought out with mor
regularity and in less time, than in the above discribed, and therefore it is pre
ferable in large establishments. Th are carried into it, of about 70 degs. tem perature, which should be increased one
degree a day till the worms are hatched The hatching room will therefore be of a bout 80 degs. temperature when the worms
are hatehed, and if the laboratory is not be raised to it, or nearly so, before carry
in the young worms, that they may notex

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 Lion hea be give himititustouat they

 shedding their skin.
The Italians strenuously insis upon cutting the leaves fine, before giving them to
the worms; but, having tried this plan, I Oonn an objection toit whichich induced me
 pet of the worms. t theref ore, eneve caur
the leanes affer the worms are two weeks old; but for several reasons, I prefer lay-
ing on the whole leaves, and eventhe small
branches. When laid on whole, the leave keep fresh till consumed; especially when
left upon small twigs. The small branch-



 ment, to effect which the worms may be
removed in the following manner:-la on either large leaves or twigs with leaves elves to them, bear them to a clean shelf Some lay fresh leaves on one side of the hem, and then clear off the other side. uffice for the first tend days; a dozer, torn
into small pieces wijtye enough for each
$\qquad$ the quantity, as the intelligent attentindan
will readily discover what is neessury, both stinting the worms and waste of leave vill consume and no more. Great care cectly free from wet, and fresh. When begin to turn blaçk or dark colored, and
should be thrown away- In wet weather, the leaves may be dried by taking them
iuto a large room, spreading them out, and
occasionally shaking them up.

## Educate your children barly.- What is the object of education? To form the and

 by lessons, but principally through the inand situation. How soon is the child exposed to these influences? Frorg the mo-ment it opens its eyes and feels he pres-
sure of its mother's bosom-from the hour Hasses aromend it, and knowing the differenree of one thing from another. So pow-
gefflul are the gradual and unnoticed influ-
entes of fhese early month if induiged or humored, may grow inta
petty tyrant at ten months old; ; ind tottle
about in two years a selfish, discontented irritable thing, that every one but the moperiod every human being is making hi experience; passes his early judgments
forms opinions, acquires habits. The may be ingrained into character for life Some right and some wrong notions may
take a firm hold, and some impressions good and bad, may sink so deep as to be
vith scarcely any force, eradicated. Ther is no doubt that many of these incurabl tribute to nature, would be found if the could be tract; to have originated in the
early circumstances of life; just as a deral perverstity of seed from which any nat sprung but from the circumstances of the soil and tisuation under which it grew.
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