




 Eance manifeted by members of thit division of Hymenopetra, the claim
made by Darwin that the anterior
ganglion in the head of an ant constituting its brain "is the most marvelous
atoïn of matter in the world," is jus-
tified.

are the methods aotice how divers are the methods adopted by inverte-
brate intelligenece from that of man in
attaining a desired result. For in stance, men make the tools they re
quire for carving or for digging, in

$\qquad$ $\overline{\text { sects grow them; resseels belng needed }}$ as yecepe art of the potter, but the
learns the
curious houey ants transform themselves into Huving bottles, to whithen the
working members of the commune re ${ }_{\text {sort }}$ The toishment.
fashioned and finished, are much more perfectly adapted for the purposes the mannfactured by human belngs, bu
there there is a disadvantage connected
with them-they cannot be land aside.
The tools dominate the tool-bearers and check development in any direc This leads to the extreme specializa producer, the queen of the termites,
althourgh ber of limbs belongeng to ther species.
is totally incapable of locomotion, as are the living bottles of the honeyn ants.
The queen lays egzs; she can do notl ing else; the living bottles store up an
yleld food to othcr members of the

|  | branches and on the trunk of the trees, usually oniy one of each cluster reaching maturity. The fruit, which is seen in the illustration, is a hard ped stx or seven inches long, resembling a cucumber, growing from the trunk or large branches, and looks Fery much as though it were artificial. Iy attached. Buds, blossoms and fruit, |
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 DR. TALSUNDAY
$\begin{gathered}\text { subject: } \\ \text { May } \\ \text { sins } \\ \text { min } \\ - \text { Prty }\end{gathered}$

 80000000000000000000000008
$\prod_{0}^{0}$ the active young man pos-
sessed of a ilmited amount
of capital, who is looking for
an occupation as well as inan occupation as well as in-
vestment, in the Lesser Antilles or in
many parts of Venezuela, the cultivamany parts of Venezuela, the cultiva-
tion of cocoa is at the present time the most Inviting of the agricultural
pursults. The island of Trinidad. whitch is the one most famillar to the
Writer, produces cocoa of a quallty sec-
ond to none, and only equaled by that grown in the vicinity of Caracas, and
always brings the higghest price in the
London market Consider

## is required to grow it from the seed lings. as it takes ite or sis years o cultivation before there is a harves worth mentioning and seven pr cit

 Worth mentioning, and seven or eighvears before a full crop can be real years before a full crop can be real
ized, but when the trees are once ful
grown they will continue to bear fruit
for an almost grown they will continue to bear f
for an almost tidefinite time.
The cultivation of cocoa cons -

$\qquad$ STATE ELEPHANT of THE PHEIDOLOGETON - Large worket

Carrying the S Maller ones. | Forming other uses as if they were |  |
| :---: | :---: |
| mere lifeeess cells in a honeycomb. |  |
| Ammon occurrence in Eastern Assia |  |
| Among the Formicadae this tenden. | forms sheterers by bending the edges of |
| the leaves of the trees upon which it |  |

