HONEY MAKERS
interesting occupation of
Queens, Drones, Workers, Robbers in the Hives-Grea
Proflts Made. D


 Sind defenseless colony, that has buberitg dis.
organized throngl loss of its queen or organized throngh loss of its queen or
demoralizedthrough bad manngement.
The burginies of robher bees are es-

## 



## 

pailly y foguent then torgg iin ouareo
 why uile they theoselee" make of

 Herorn ateat thoir repoidiong over





 sition that doraloppad dielef within






 turo that tho preesen exisitits fora o







 and int councrity.
of human nature.
Thus the sure.
colony ol on on an increasing reesembles a atrike The ontingen or oporativen in a mill preosding the of oolonies that hat tild work on on the part part
induutrien been
 (as)

 wings. The loyalty of n colony to
their quen is proverbial, and it is princippily by operating upon this in.
atinct that bee eulturists
maunge Eark of colony oi bees in good condi-
Eion at the opening of a neanon connon at the opening of a geanon con-
ning a laying queen and gome 30,000
040,000 worker been, or quarts by workasurement. Bent Besides this
quer ationld be four to sis tairiy stocked with developing brood,
with with a good supply of hooney aboont
them. Soerral hundred drones may
also bo prenent. Under normal conditions the queen
lays all the egge that are deposited in
the hive be bing sble to doisesit in rays all the egge that are deposited in
tho hive, being able to deposit as
many as 4000 eags in twenty. many as 4000 eggs in twenty-four
hours. Ordinarily she mates but
once, flying out from the hive tomeet once, Afying out from the hive to mee
the droue the male bee-lingh in the It the egra are fortilized they dovelop nto yorkera or quena, necording th
the character of food kiven and the
size and size and shape of the sells; it unfor
tilized, into dronce. milized, into drones, The quen's ife
may extend over a period of four or Upon the workers, which aro undo-
veloped females, devolves all the labor of gathering houoy, pollen and glue,
bringing water, secreting wax, buildbring ing water, secreting wax, build
ing combs, draughting desigas,
ting
ing


## $=$ <br>  trongrn crits of comion monmy negat

 fil table luxnry of eured honey is noof the apecial funotions of the worker bee. The first atep is the stationing
of workers in lines near the hive entrances These, by incesmantly
buzzing their winga, drive currents of nir into and out of the hive and over
the comb nurfaces It the hand bo held before the entrance nt anoh a time
a traong ourrent of warm nir may be
ielt com a nettong coming out.
find
The lond buzzing heard at night
during the anmmer time is due to the during the anmmer time is due to the
wings of workers congaged chiofly in
ipening nectar. wings of workers engaged chiony
ripening nectar. Instesd of bing at
rest, as many nnppose, the busy work. ers are earing for tho last lot of
gathered neotar and making room for
more. This mny go on far into the goore This may go on far into the
more
night, or even all night, the notivity night, or even ail night, the notivity
nnd loudness being proportiouate to
the amount and thinness of the liguid. Frequently the ripening honegin in re-
moved from oue set of cells and placed in otha ss , incidental to the manipula-
tion th bees nabjeot it to. When halll,
tho water constitnent is found to haved, been reduced to ton or twelre per
cent, and all disagreeable odors and
cant, davora, probably due to volatile oils,
have also been driveu of in a great
messure by the heat of the ghive, mesaure by the heat of the hive,
largely genernted by the bees. Dur:
ing the manipulation a subtle natisoptic, formio noid, secroted by glands
in the head of the bee, has been added. in the head of the bee, has been added.
The queon, by n natural instinot,
fies out to mate. Sthould she be lost. no more fertilized egga would be de-
posited in the hive, and the old workers graduaily yyog ong ones, the colony
superadeded by roung
would become extinct in a fow mouths would become extinct in a fow mouths
or meet a
truderadier
truder boes. The production of many drones
is nceordingly provided for, so that
yonte young queens tying out to mato will
not incurt too many rinks from birds
and inseot enemies. But the loas of and insect enemies, But the lons of
queens while olying out to mate is
evidently one of the provisions of naturo to prevent bees from undus
multitlication, for were there no such checks they wonld become a pest in
the land. On the other hand, this risk
to the to the queen is not uselessly incoreased,
for sho usually mates but onee during
Queen bees are trangported nowa-
days almost invariably by mail, and days almost invariably by mail, and
sent to nll parts of the United States,
and even to distant foreign countries, in a cage of diminutive pattorn con-
strueted for the purpose. The food usually employed in those cages by
queen breeders is as soft candy made by kneading tine sugar and honey
togother until a stiff dough is formed.
The food for the journey having bee placed in the end of the cage opposite that containing the ventinating holes
bit of honeyocom is pressed
down over it to nasiat in retaining Uhe moisture . The cover, with
bit of wire oloth between it nud the
bees, for bees, for grenter socurity, together
with the address and nouecent tamp.
complete the completes the trausporintion arrang
menta for a queen and eight or ten at
tendant workera for a journey of 300 miles. A speoial postal regalation ad
mits them to the mails at merohandia mates oue cont per ounce. A recen
raten
estimnte by one of the apiarian jour nals places the number of quoens nold
and thus tranaported through tho mails annually at 20,000 .
The different races of hoos rary ma
torialliy from ench other in individual quaititios, buch a a temper, spirit, traathong.g.geting oppacity, enduranoe o
cold and oharactor and flavor of pro
duct. Besides the common or browz



TULLED HTB TALL out by xat boots. horrible eondition when found. It had pulled so long and hard that ita
tail wa partinly pulled out by tho
cooter Mr. Willoy does not know how long
the horse was in the terrible position the horae was in the terrible position
in with he was found as the Geld in
which they were grazing wan supl Which they wero grazing was supplied
with all that is noedful, and no attention to stock is required for anpplies.
The hores was a valuable one, and.
vill be a great will be a great loss to Farmer Willey.
This is one of the strangest acoident that has ever been heard of in thas
loenlity. A Wonderful Creature. The polype is the most remarkable
orenture that now inhabits the earth.
rint into sereral party each part will soo
become a perfeet animal. Tarn one inside out and it will continue to en out them in two and placed them to
gether in auch a akape that he formed animals with two heads nud animals
with two sets of hinder parts and no
head heads! The cut edges in such ouses
readily
unite, erentures goro right ou thiving as if noth-
ing had happened. The Champion Renswoman of America, To Mre. Harrietto Winoh, of Mid-
dlebury, Vt., belong the title of alebury, Vt, belong the titte of
champion reinswoman of the country.
Perhaps no other woman has a better Perhapas no other woman has a better
praetionl knowledge ot tho horse than
she, and there aro but fow men who she, and there aro but fow men who
ean handie the ribbons any better
especialiy in a rnce It especialiy in a race. It was in 189 in
that she dietermined to beoome a pro-
fessional reinswoman, but illness pre
vented her vented her making a pablic appenar
ance until this spring. After privin
a number of lesser turt lights, Mr


Winoh bought Major Wonder from
Gin Curry and presented him to his
wifo. Three weeks later, at Sandy Hill, N. Y., Mrs. Wineh drove Majo
Wonder against tho tracik record-2:26!-made by Mrs, S. F. Crosby
with Emma B. She olipped 14 Bec.
onds of this record. At Glens Ealis,
 excellent juggment linded the Mnjor
past the wiro in $2: 124$, thas eatablitik
ing a record. Sims An Anclent Tenor.
$\begin{gathered}\text { Sims Reeves, aged neventy eight. } \\ \text { and his young wifo and intant, arro on } \\ \text { and }\end{gathered}$
$\begin{aligned} & \text { their way from England to South Af } \\ & \text { rica. It io tho intention of the ancien }\end{aligned}$
$\begin{aligned} & \text { tenor to give ooncerte, and if his voice } \\ & \text { holds out he will go on to Australi }\end{aligned}$
$\begin{aligned} & \text { holds out ho will go on to Australie } \\ & \text { One reason why Reeves has presorve }\end{aligned}$
$\begin{aligned} & \text { his voioe to nueh an adryanoed ago it } \\ & \text { that he has invariably rotued to sing }\end{aligned}$
$\begin{aligned} & \text { throat has given him a great denl } \\ & \text { trouble all through his artiotio caree }\end{aligned}$
$\begin{aligned} & \text { upon Weboter afterward to trade wil } \\ & \text { him. Webster met him in the oour }\end{aligned}$
$\begin{aligned} & \text { "In't eall. "Because," saide the man } \\ & \text { nopouad You Would bo offende } \\ & \text { ad woildn't trade with me any more }\end{aligned}$
$\begin{aligned} & \text { whiob } \\ & \text { ne mas many } \\ & \text { eavon's an }\end{aligned}$
$\begin{aligned} & \text { heavon's sake don't slary } \\ & \text { death,"- Boaton 'Tranooript }\end{aligned}$


THE Atyinat benquo deppoted in

 Yroern stant, the proty, pointed oitl










## (4)

 novelty considerably in rogue). Theshort, lowi yoke, fitted by shoulders portion joined to its lower edgo in
ound outline. Mualin in olain striped and cross-bar pattorns may bo


## inds of dress materinals, proferonce <br> ix years it will require four hirty-six-inch wide material.

Antreve noves to at pastrowable: oheok, or figared designs in terge,
Herrietta, Sicilienne-faced eloth, canDinnor gowns this fall are made with
ruis, Reincarnantions of Queen Elizasilk or pean do soie. To make this
basque for a lady in the medum size
beth appear at overy social funotion
in New York, and the ghosts of sixit will require two and one half yards n Now York, and the ghosts of six-
teenth centary fashinons have become May Manton, in Modes. e-embodied in the ultramomodern drawe.
ing-rooms of New York'a fashionable
women. Undoubtediy the stately ruif women. Undoubtediy the stately ruif
will doo much in the way of imparting
distinetion to the costames it nucom-
An idenl dancoing or party gown in here represented made of pale raseda
silk and decorated with malticolored embroldered ohifton. The front is ar-
ranged over fitted linings provided
with singlo bust darts to whioh the material is applied nt square yoke
depth. The fall front is joinot the the lower edge of yoke, the joining boing
concealed by the protty insertion that forms a pompadorir effect in front ex-
tending over tho shoulders and on
either side of the baik. Throe bands ither side of the baok. Throo bands
of similar insertion fall from yoke.
The eskirt-hhaped front, sile gores and
 trimming conaiats of a narrow chifino
edgod frill with band of insertion
above rhe gown may bo developed
in challis, cropone, taffetas, or oream(20) onu's panyx cowx op arseda stle. whito alpaoa, or fashioned in lighter

Blingo do soio over colored lininga.
Fax-oolored batiate over old rose
makes on effective oombination. To make this wrist for a miss in the me.
dium size it will require of thirty-aix ighthe yards, and for the skirt foar
ynor yoil a hitice amis.
panies, but a fashion that eannot be
bocoming to more than one woman
outo ton should not be too hilariously Ie is th. womnn with the long neokf,
he well-set head, tho ereect and stately bearing, who shonld soleot the raff as
 will serve to emphasize the good pointo
of her form and make her fuco veoum
only tho more comely, stout, ehart women, on the other
hand, would better ignore the fact on dressy occassions leamive their sharo and
neeks, as far ns possible, nuooverad bings is nover more emphatically modos. To know instinotivoly the
right timg and the right place it, in
the world of lashion, the sumamit of
 White muslin, stifly astarched and aro aree-
folly adjusted. As everybody knows,
the
 baok of the head and the ours, and is
so stiff and straight that it makes an
effective and beooming buekground to a protty face. The oorrage is alway
eut square in front, and the ruff eomes down for a little at each aide of the
aquare out aeci, , eavigg the white
throut and the jowels whith throat and tae jowels waidh bedeok it
in a ort of frame.
Natarally with tume the low coifrare has to be aban-:
doned, for, doned, for, however many coile might
be placed at the back of the neok, the
ruff would concent them. So the hair in moothly brushed up at the beok, and puffed and frizzod and rolled into
as lowering a pieco of arehitootare as
the matorial mill Tho forishead ia left
after the manner of good Queoed too, Bean
heraelf, and the hair drawn awwy from
 thase fominina devices may have boen
callod in the courrao of nixteanth ven-
tury toilets. - New York Joarnal.

