SOME FACTS ABOUT 8OAP.



 oom of lime, the mond alt it decomposedi and a
stearate of lime is separated is au inoluble form. tharate of lime is separated in au tupluble form.
This traction is a common one in tive chemintry hooserwives. It take jlice whenever *owa,
used witt "hard water, which owee its ba use
name to the proence of salts of lime, magnenia
it. When nmap is dinoved in such water, the lime of naspeta unites with the stearic acih to
prolace the impaluble curdy flakon which appoat. It is not until nafficems saap has been alded to
decompoose all theee salts and dispose of thrir thes that it becoues available for its legitinate
baciinnss of cleanuing. The harier the water, the nore noap is waited ine thas vexatious chater,
taal process. If net has no hari water at hand be can illoutrate the reaction by dissolving

 will be formeol The sulphate and the noap( call
it a stearato of noda) have nwappod lakev sal
 the white thakes.
Soap in alwny an allatine or havic nalt, and
itid dotergout power depends on the degrev of
 with tho grease and othor matton which it
inkenled to romore
 lasadry, the ordiasry bar wapt, which is quite
ankeline, or soft sap, with ite more active
 skim, but partially divenve the latter, lasving it
rough and uecomfortahle.

Tirs Cospromosor Ciongs - lat overy hon.
est smoker take cournge, Qigurs ate not mule

 tirte made in the United Kingtom nince INet
and in the whole velume there is no mention of the cabbage hlomeme Bat there are many
 fing surt is reyured for for impprivity its ontwand
the cigart the seoved for apparanco: and the thind for imparting to it
what is aupposel the
tormer a hetter taste. In the ormer vategory the faronte mintane neenis to
be the leaves of the lime-tree, the huske of what and oaste, ontton, yarn, and tonce tuin hean,
Bat there are uuturouis coses, where the ingrdients have boen much mare coniualy eloleted,
and have incladed coccuaut fiter, manll seeds, cotton, wood, and breal. At one ertahlishment,
fifty pounde of tolacco dast were foand and ant alywa, hool nails all sortan of refume. Suuthar Large clase of maverials in apparently uwed for nocuring tho nulhe.
tion sad consintency of the cigar when made. fuat it inclades gum anil amidine thes, fun ar:
 atteeaded to uad for this parpowe rewit is hail
to yellow ocher, red samilalwod, logwoox, lamp. plack, and Venetian rod. As for the flaver of
the ejgar, it is varied to anit the nose divene taptes: hat the vanal object neems to inplart to it
aploaing sweetnewa of tone. Accordingly tace charing matter, and eqpecially tracle, is very lurgely prenod into the serrioe For thase who
like a rather more devidel taste, . linuotio, nalt,
 way it which the rails are supported by strung

 steam power can he nael, the emgine being
nuspowet in the sanie manner an the carti. Ampog the aikrantages claimed for it are that
the roolway in not eat and that the ruint.
ance to drait is materially relueet.
 tosults from the cyaniale of sine in theumutic
acal oraral gia nimulating cerebral theutuatimu He relates two cases in which, with inteuse
Gecial neuralgia, there wan continume ani arlent ot the pointe where the nerves efingerel. The
 a purt, fistilled ehrryy laurvl water, es parte
soid tragzoanth maciago misture, 100 parta sad tragacanth maclage misture,
tablesponful, from thour to hour.
 to te equily

 tableopoonful of Yenetian red and halfo the pronfal af lamp black, mixed iuto a paste eni
tiun filated with the piat of ghe water st
tofure

A murowx serse the Nile nt Manura, de
vignel by Alfrelo Cottan, of Saples (who ha
 with atraight giriers. anaptacias priaciple

NOTES ON SANITARY BUHDINO. This ouhjeet is of impertanoer to all home
makers. In Dr . Buchanar', apecal inquiry. southern countion of Earland, heyond the limitu The metropolis, were lrought under detailed hat solda
ousumption.
Some




 cante.
Thooe e
of liviag
 powi, cther whitly or in part, to drain nech By narn

 land tiling with joints carpulty protentel,

 anfit for humas habitation.
 sater which dashiss agninst the huse and the
water which osemuiate ite freshets in ite This eun be done by vinking the fontatation wall A loot beliws the cillar-botom, placing a tole
drain outide of thin, illing the escavatina le
 this wall with sune materisid hupprvivis th
vater. In muht le sult to place alove thi
 alf spriggy, there humld be, in aldition to
nator dumin nirruniling the fountition,
crus

Xons os Diabniox, - In a reeent lecture in Ondoo, Prof, Garrud gave an account of womn
The proceses of dlyvotion. The nection uf he saliva and of tho guatrie juice was demon

 art the work of digustion-the saliva per
orrum. The nature of the work of tho guti aice wan shown by some which had been ol
 alimentary camal till the pypine of the gautric
fuice han converted them into peptones. After
 that thouphalbominuoids cat be artiticially con
sertal inte and
 use of artificially mule pepaine is of grat wer
vise to peoplo of weak digective powet, ani
 been fount
great value.
A Hesr, ron Ocn Guswmamiens:-It the
buty readres dislike darning mooks and hom, not by kittung hools and to dow donble, lik otrocked mitten, But many do nut under.
tand that, wil will esplain. As moin as hal the ntitchen are put on the hel-tivelle tie
suother hall of yan, which may be white Whe the other hall, woonting to fancy or coni
venience, and coaner it you hare it. Wrim both thrrals around the little finger, pase then
nuder the next finger. put the midtile fingur b twoen the thrale, having tho white towarn
you when knitting gtraighta abid from you whe kuiting hack sanls. To makn thr whito thow


 them when working for those we lore fo much

 toen days If water be given hat ne fool, if
 in a promineut manner, tho hight valae of vent
latios Human life may the ciatinued for a time

 Good water and wind foods mat natortanately,
 statemansa
pbysician :
 ar to exith be ronder
visitors to this town.

NOTES ON PRESEINING WOOD, An incroaned denmand for one of the revidua

 iestroy woolvork we olt vater. By permis of Civil Engineers, a paper ot prat interat in drown of Rostam; ppecimens of wood wrere ox
hibited which has been tmated 90 years, and in


 practicalility of the process, and its perfe
nikcoses in preserving timber. A writer in the downal of 7 Colluwing on proervint fetre pates What
would recomuend with fence povta is that woula recommend with fenco pouts ist the mat
krials, when fellel, to te dirutly sswn thto


 horowghly, to the hoart, man as to extract an mogature which thay still be lolfod at the center,
suid hardaning a crast on the narlace of the
poots.
Aturnanh, to prevent the pots shaurhing
water thiy should le well coated with coalt ts





 recoumundatiua in fayor of the alsove process
is that is revuiren no akillet labor, aul the cont
varmous wools
The following are interosting iteus eracem-
ing the conmenial valac and proyerties of thir bother kmown woolin, as laid down by then
Aserion Buibler:
 lignum vitu, walmat, horaheam,
Exen grain (forCarring or Hagriving)- Mear,






 sandalyond, chestrut, cevlas, tulip wool, selina
sool, elony,

 butternut, ete.

 ss he writes puapplets. More than this, the enp-
nomocement in made that the American tyin ot


 Which wan thown and atracted connilerable bitbition of that your. The thaide was the


 tided that ueful artide, this Ameriian ase, to you for faroring the nith a sporimes, whach





vedge axe."

demand nownlays for panted panils and
In mome repecto it



 Hinn tiontwin


FIREWOOD TO THE ACRE
In a govid deal of obvervatiou on the subiect,
nayk Mtarih, the largovt quatity of nurketahlo
 and half that amount is cousilemel a rery fair yiek. This eatimate is far Abore the avcrages
given to the statibticisu of car depariment of agriculture, which ste as kelow:
In Franklin county Ms, the leat modlatad
 wonty-five In Nagalaboel and Haneock
countes the averuge yiell is thirty conls per
 Is Vernout, the forsats yieli from twenty-
in
 In Mhole hland, abust thirty conla per acres
In Connectient, pproat lanis ywald about wenty tivn conls per acre every twaty-five
on In Sow York, from thirty to sixty gerds per
The orginal foremta in mome of the eoun In Delaware, well wety tecond growth wood-











 Ridt the golien thread, eatwinimg the lestiusiss
t the univene Earth has its beanties, fat time flimuls them fir the grave, ite huners, they are
hit the sumaline of an hear its

 Alumithel loume. In the dwolling of the
 Its glory will never wann, for thone is the ever,

 voing tue whinh has been byeken serves thy "uakel," mo that all the stol ahown itwil at mint to be recomenemied. It in better to hiaro



 tween the inve. It wifl not do, then, to be de:
sivel hy appoarance. The best plan in to depend oo $a$ be
chast of i.


 a mare mater when narly flote has thin namin
effert Obe thind of wheat, by miswum, to


 above, which is nevere foutul if ntirmel while



 ant aifl thn milk, then eut eff a piece the sime of
a himexit mul milf out rather thil iriel apples ntewed, vited, swertened and
 Fry in hut lani, turning bem frepucnitly to



Prair ass Gakysizm Inor Wi $\varepsilon-$ The



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