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Poetry.

LINES TO AN OCTOGENARIAN.

Respectfully inscribed to the venerable
Dr. Bowers of Southampton co. Va., one
of the few yet living whose birth was prior
to that of the Confederacy.

BY INVALID.

Venerable man! thy hair all silver'd o'er,
All sprinkled with the frost of foregone years
And more;
And yet erect and manly and firm of port and form,
Unbow'd by the weight of age and soothed not by
its storm!
What a history is thine, with incident how fraught!
How rich with truthful lessons experience hath
taught!
Ah! what a wealth of memories, and what a price-
less store
Of remnant treasures and traditional lore
Thou must have garnered up in such a long career,
As gleanings of the past to memory still dear!
How many varied visions unto thy glance appear
As with keen retrospection thou scans each by-gone
year.

Visions of those loved ones long slumbering in the
soil,
Which phantom-like comes stalking from out the
deepening gloom
And glimpses of those changes, of import, small and
great,
Which thou must needs have witnessed in families
and state!

Race after race has risen, run their short race and
died;
Friend after friend the spoiler hath stricken from
thy side!
Of all the youthful comrades, who thy affection
shared,
Scarcely one of all the number, scarce one indeed is
spared;
Whilst thou like some sturdy oak which alone has
braved the storm
Of all the neighboring forests, stands firmly yet
alone.

Born whilst thy loved country was even yet unborn
Amidst the infant struggles in the revolution's storm!
Thou hast grown along with it through manhood
and to age,
Familiar with each record upon its history's page,
Thou saw its gallant founders consigned to honored
tomb.

And from their hands received the blood-baptized
herb;
With words of solemn warning the precious boon to
guard,
From treason to protect it, and its poison shafts to
ward!
And faithful to thy trust thou hast filtered nor de-
spaired,
But exulted in its triumphs and in its conflicts
shared;
And with thy bosom burning with patriotic zeal,
Thy loyalty has proven alike in woe and weal.

Canst thou be doomed, aged patriot, thy country to
survive!
And must thou bear its death knell whilst thou art
yet alive
Must thou behold its death throes as thou beheld its
birth—
Outline the noblest empire that ever blessed the
earth!

Well may'st thou stand aghast o'erwhelmed with
gloom and grief,
To the ruler of the nations appealing for relief,
When traitors and fanatics with paralytic hand,
Are kindling flames of discord o'er this devoted
land,
And striving to enwrap in ruin's lurid blaze,
The heritage so cherished, so prized in by-gone days

But patriot sage, despair not; the same almighty
arm,
Which hath so long protected and shielded it from
harm,
May yet vouchsafe in mercy to avert the gathering
storm,
And still preserve thy country for millions yet un-
born!
And long its glorious banner thou may'st yet with pride
behold,
With not one gem dismembered from its star-be-
spangled fold—
Aye, long reposed in quiet 'neath its benignant
shade,
With peace again triumphant and the furious storm
allayed!
Elin Cottage, Va.

Selections.

NOT YET.

"Not yet," said a little boy, as he was
busy with his trap and ball. "When I
grow older I will think about my soul."
The little boy grew to be a young man.
"Not yet," said the young man. "I am
now about to enter into trade. When I
see my business prosper, then I shall have
more time than now."
Business did prosper.
"Not yet," said the man of business.
"My children must have my care. When
they are settled in life, I shall be better
able to attend to religion."
He lived to be a gray-headed old man.
"Not yet," still he cried. "I shall soon
retire from trade, and then I shall have
nothing else to do but to read and pray."
And so he died.
"Put off to another
time," was the motto he had done when a
child. He lived without God, and died
without hope.

Some sins are productive of temporary
profit or pleasure, but profanelessness is pro-
ductive of nothing unless it be shame on earth
and damnation in hell.—Edwards.

Never incline to buy your own profit
with the loss of others, or your own ease
and comfort with the suffering of others.—
Mrs. Fredonia Pitts.

THE CHRISTIAN SUN.

Devoted to Religion, Morality, Temperance, Literature, News, and the support of the Principles of the Christian Church, South

"Religion without Bigotry, Zeal without Fanaticism, Liberty without Licentiousness."

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WITH A GLOW.

Some Christians long to do all their
work with a glow. It is certainly a com-
fortable state when our feelings can be so
raised, that they will carry us on without
an effort on our own part; and we may
seem to ourselves, and to the multitude,
more godly, as we have more outward fer-
vor. But we are not to be discouraged,
nor to think evil of our state, if this can-
not always be maintained. We cannot
spring at once from the depths of sin to
the heights of the Christian life, and even
the most godly must sometimes "go mourn-
ing all the day long."

The life of a Christian is represented as
a race. Paul says "Let us run with pa-
tience the race that is set before us." We
are to run with patience. We are encum-
bered with weights and beset with sin, and
the course is rough, and we are liable to
stumble. But through all discouragements
we are to hold on our way. "If thou faint
in the day of adversity, thy strength is small."

There is a difference between those who
trust to impulse, and act only from it, and
those who measure their religious state by
the fervor of their feelings. Of the former
we are not speaking. The latter may
always desire to experience the Christian's
joy, and they may pray, "Lord, lift thou
up the light of thy countenance upon us."
But they must remember that there are a
thousand evil things ready to rise up, as a
cloud, between us and God, and they must
for this interim, or neglect, (as too
many do,) the performance of duty, or fear
that their services will not be acceptable to
God. He always accepts that which comes
from a good and honest heart, and he
knows how to pity, and is ready to pardon
our imperfections and weaknesses.

There is reluctance to be placed on char-
acter founded on principle, and it has a
depth which mere feeling lacks. Jeremy
Taylor says, "The age of passion is not
long," and he who acts from the prompt-
ings of feeling is fickle. But he who acts
from settled and wellgrounded convictions
will never be wanting in his duty, or to
himself, and he will always feel the ear-
nestness so suitable to a Christian.—*Sunday School Times.*

BEAUTIFUL EXTRACT.

The following beautiful tribute to Wo-
man was written several years ago. It
occurs in a tale of touching interest en-
titled "The Broken Heart"—its author, Dr.
F. J. Stratton:

"Oh, the priceless value of the love of a
pure woman. Gold cannot purchase a gem
so precious. Titles and honors confer op-
por on the heart no such serene happiness. In
our darkest moments when disappointments
and ingratitude, with corroding care,
gather thick around, and even the guant
form of poverty menaces with his skeleton
fingers, it gleams around the soul with an
angel's smile. Time cannot mar its bril-
liancy; distance but strengthens its influ-
ence, bolts and bars cannot limit its pro-
gress, it follows the prisoner into his dark
cell, and sweetens the home-morsel that ap-
peases his hunger, and in the silence of
midnight it plays around his heart, and in
his dreams he folds his bosom the form
of her who he loves still, though the world
has turned coldly from him.

The couch made by the hand of the
loved one is soft to the weary limb of the
sufferer, and the portion administered
by the same hand loses half its bitterness.
The pillow carefully adjusted by her brings
repose to the fevered brain, and her words
of kind encouragement survive the sinking
spirit. It would almost seem that God,
compassionating woman's first great fault,
had planted this jewel in her breast, whose
heavenly influence should cast into for-
getfulness man's remembrance of the Fall,
by building up in his heart another Eden,
where perennial flowers forever bloom, and
crystal waters gush from exhaustless foun-
tains."

HOW TO RECEIVE THE PREACHER

1. Entertain him with hospitality and
kindness, as a brother in Christ.
 2. Support him, (and his family, if he,
like Peter, is a married preacher,) cheer-
fully, promptly, and liberally.
 3. Pray for him fervently, assist him
heartily and perseveringly, in his labors
for the good of souls.
 4. Do all you can consistently with
truth and charity, to increase his influence
for Christ.
 5. Confer with him freely upon all the
interests of the Church, and of your own
soul.
 6. While you love and honor him as
the minister of God, and do all in your
power to aid him in his holy work, rely up-
on the Holy Spirit only, for success, in
winning souls, and building up the world.
- Do these things, at the close of the Con-
ference year, you will find that "your la-
bor has not been in vain in the Lord."—*Messenger.*

What we wish to do, we believe we can
do, but when we do not wish to do a thing,
we view it as an impossibility.—R. B. Cut-
ler.

If a proud man makes me keep my dis-
tance, the comfort to me is, that he keeps
his at the same time.—Swift.

'ROOM ENOUGH UP STAIRS.'

It is related that a young man, hesitating
as to the choice of a profession, applied to
Daniel Webster for advice. "The legal
profession is quite full, I am told," said the
querist, "do you think there is any chance
for such a man as myself?" "There is
room enough up stairs," was Mr. Webster's
significant reply.

The remark is widely applicable. In
every laudable and useful avocation, there
is usually "room enough up stairs." The
lower stories may be full, the moderate,
mediocre grades of culture and ability may
be crowded, the supply on this level may
exceed the demand, and he who is content
with a ground floor life, with no earnest
diligent efforts to rise, no resolute strivings
for excellence and superiority, may find
large occasion for doing nothing, because
there is nothing to do, and nothing to be
had for it. Rarely, however, is this the
case with the man of large attainments and
high ability. Seldom is such an one "out
of a place." Society always hath need of
him. The upper apartments, in whatever
profession or pursuit, are never over full.
Times may be hard—business dull—
throughs in the market-place "all the day
idle," and yet it is true as ever, "there is
room up stairs." The higher talent will still
find scope and sphere for its exercise. It
is sure to be in demand somewhere, for
work and reward.

In the spiritual realm, the kingdom of
grace, there is every where "room enough
up stairs." Perhaps it is sorely within
our province to make the application to the
Christian ministry, and yet the principle
doubtless has its significance here. Though
there may be (and we believe there are)
some humble, faithful servants of God who
are far from being appreciated, yet as a
general rule, it may be safely assumed that
diligent, studious, able, devoted preach-
ers and pastors need not wait for a sphere
of honorable and useful service. Let the
Bible standard of ministerial excellence
and eminence be adopted, together with
the Bible method of attaining it, and it
will be found that "there is room enough
up stairs."

But how true is the sentiment in its
wider application to the Christian church
and the Christian profession! How rela-
tively full are the lower apartments of the
spiritual house! How sadly content are
the masses of professed disciples with an
inferior, rudimentary, half-developed type
of the spiritual life—abiding all their days
in the underground rooms, with little air,
little light, little breadth of vision, and
correspondingly little scope of Christian
character and attainment. The higher
plane of discipleship goes a begging for
aspirants and occupants. There is too
much spare room "up stairs." What all
our churches need is more of the Pauline
spirit, never content but ascending—
"Not as though I had already attained,
either were already perfect, (complete),
but I follow after, if that I may apprehend
that for which also I am apprehended of
Christ Jesus. This one thing I do, for-
getting those things which are behind, and
reaching forth unto those things which are
before, I press toward the mark for the
prize of the high calling of God in Christ
Jesus." Of more of this (as a plain
Christian brother recently designated it)
"piety on the ascending scale." The pen
of inspiration had long ago written con-
cerning the faithful believer, "He shall
dwell on high; and yet there is abundance
of unoccupied 'room up stairs.' Who will
occupy it? Alas, that so large numbers
of professed disciples are found, too weak
limbed and short breathed to make the as-
cent. Unless the Great Physician shall
strengthen them speedily, we fear they will
never reach the upper kingdom.—*Chris-
tian Secretary.*

"HE READS AND I PRAY."

Alice M. had received a fine educa-
tion. Her mind had been naturally and
evenly developed. She had committed man-
y select texts of Scripture to memory, and
had infused their lessons on her heart. The
Spirit of God took of things of Christ
and showed them unto her. She received
the truth in the love of it. Her Bible and
her closet were dear to her. Her hap-
piest hours were seasons of communion with
her Saviour. The Sabbath was to her a
heaven below.

Alice was but twenty-one years of age
when she became the wife of a ship master
some four or five years older than herself.
He was going to Europe in a new ship, and
had a stateroom fitted and furnished for her
accommodation, and she consented to ac-
company him to sea. Their wedded life
began upon the deep. The husband was a
stranger to the power of grace. He ad-
mired and loved his wife for her simple
and earnest piety. On her return from
her first voyage, she confided to a friend
who had been her spiritual adviser, that
they had lived a life of prayer even on ship
board. "Was he willing to pray with you?"
asked the friend. "No," replied
Alice, "but we had prayers together every
day, and he seemed glad to have it so. He
read and I prayed."

Is it a strange that within two years that
husband's soul was brought to the foot of
the cross, and that the time came when
she read and he prayed?

Let young wives who love the Lord Jesus
be joined to partners who have not
tasted the powers of the world to come,

remember the woe which falls on the fami-
lies that call not on the name of the Lord,
and begin their married life, whether at
home or abroad, as did young Alice and
the Lord may give them a like reward.

SERMONS TO CHILDREN.

Though the practice of ministering from
the pulpit to the lambs of the flock is ex-
tending among our clergy, it is by no
means yet, as it ought to be, universal.—
For if rightly dividing the word of truth
does not fairly include dividing at least a
portion of it into morsels small enough for
children's digestion, then we miss the
meaning of that text:

The main objection urged by pastors who
remain yet derelict touching this delightful
duty, is that they "have no tact for inter-
esting little auditors. Many a good cler-
ical brother who takes his little daughter
on his knee at home, and delights her with
some simple story, cannot be persuaded to
carry the same style and the same power
into his church, or even lecture room.—
We believe there is not a pastor in the land
who cannot, if he will give himself to the
work in earnest and in the love of souls,
come down to the level, and win the de-
lightful interest of every child of common
intelligence in his congregation.

And they who raise this complaint of
inability are the very men who most need
for themselves and their people at large,
the benefit of the work. It would infuse
new life and freshness into the stiff pro-
priety of their discourses. It would give
flexibility and vivacity to their whole man-
ner of address. It would increase the
practice of illustration in sermonizing. It
would, indirectly, greatly aid the Sabbath
school. It would more deeply interest
parents in the spiritual welfare of their
children, and suggest to them interesting
modes of conveying truth.

Any pastor who will, by carefully col-
lecting facts and anecdotes from the news-
papers and from his general reading, gather
materials for this labor, will be sur-
prised to find how little labor will enable him
to interest in audience of children. The
writer has as large an attendance at the
Sabbath evening service for children as
at any other during the day, with the aid
of a well stocked scrap book, his
preparation for that service is often made
in an hour.—*California C. Advocate.*

THE PRAYING WIFE.

Recently, in Wales two men were re-
turning home from a beer shop at a very
late hour, as they were walking one said
to the other, "When I get into my house
to night, my wife will scold me dreadfully."
"Ah," replied his companion, "I shall
have something ten times more intolerable
than scolding; my wife is always quiet, but
she weeps and speaks to me about my soul,
and her words are burning like fire in my
conscience." He reached home; as he an-
ticipated, his wife met him at the door weep-
ing. He went to bed and slept, but his
wife distressed and anxious about his soul,
instead of doing so, prayed to God on his
behalf. About three o'clock in the morn-
ing he awoke, and saw her standing at the
bedside still weeping. "He said," "Mar-
garet, what is the matter with you?"
She answered, "The thought that my dear
husband is an enemy to my beloved Saviour,
and that he is likely to have his portion
with damned spirits, almost breaks my
heart." This answer broke him down. He
felt that his case was a bad one, and the
fact that his wife felt so deeply on his ac-
count, led him to feel for himself. He arose
and knelt by the side of his wife, and prayed
to God, who blessed the conduct and lan-
guage of his wife to his conviction, mani-
fested to him his pardoning grace through
Jesus Christ, and they are a happy couple
rejoicing in the hope of dwelling together
forever in heaven.

Has any reader of this an unconvinced
husband? Do you feel deeply in his be-
half, and does his present danger and fu-
ture ruin excite your deepest interest? Have
you prayed earnestly and perseveringly to
God for him? Has he reason to believe
that you are anxious on his account, or is
your conduct such, as to lead him to sup-
pose that you are indifferent to his state
and regardless of his future welfare? Try
such a course as this woman pursued, and
God will bless your efforts and answer your
prayer.

PRAYER.—All the duties of religion are
inimately solemn and venerable in the eyes
of children. But none so strongly proves
the sincerity of the parent; none so power-
fully awakens the reverence of the child;
none so happily recommends the instruc-
tion he receives, as family devotion. No
nearly those in which petitions for the
children occupy a distinguished place.—*Dwight.*

When the Roman poet was told by a
philosophic friend to meet his own business
and not meddle with other men's affairs, he
made the immortal reply: "I am a man,
and whatever relates to my fellow creatures
also touches me."

A religion that never suffices to govern
a man will never suffice to save him.

They who seek wisdom will surely find
her.

Farm and Garden.

ASHES.

"Would you advise the mixing of un-
leached wood ashes with barn-yard man-
ure?" says one. "With Peruvian guano?"
says another. "With Nitrogenized Phos-
phates?" says a third. We answer to all,
"No." Unleached wood ashes, says the
Working Farmer, have a much higher
value as a manure than is usually accredited
to them; and they should never be mixed
with top dressing manures, as they force
on the ammoniacal portions while decom-
posing the organic portions. Wood-ashes un-
leached are worth in many districts, as a
manure, fifty cents per bushel, when they
are sold to soap boilers at thirty-five cents.
These farmers, if they would treat them-
selves as they are treating their soils, would
be bled once a day instead of repulating
the Sangrado. Unleached wood-ashes
contains large portions of potash, and ex-
actly in that condition most available to a
majority of crops. When mixed with
swamp muck, river mud, wood-earth,
chip manure, head-lands, weeds, etc., wood
ashes assist materially in their disintegration,
and in the development of their in-
organic constituents to a condition capable
of feeding crops, but when mixed with
stable manures the decomposition is too
rapid to permit the absorption of the am-
monia, by the less valuable portions.
When soils are deficient of potash—and we
have yet to find the soil that is not—wood
ashes may be sown directly on the surface,
and the potash contained in them will find
its way into the soil by the action of dew
and rains, and as it is not volatile, the
surface of the soil is the proper place for its
deposit. It is true that it may find its
way to the soil through compost, composed
of otherwise inert materials, thus spent can
may be reduced by the potash to a fine
powder, well suited after such treatment,
for composting with stable manure, which
in turn, will be rendered in a better con-
dition for the use of plants. Thus the
potash performs the double service, first of
forwarding the decomposition of inert mat-
ter, and secondly of furnishing potash
nearly to the soil; but it should never
be brought in contact before its applica-
tion to the soil, with manures of a highly
putrescent character, nor with artificial
manures containing ammonia in any form.

SHALL WE PLOW IN THE FALL?

All lands, except light loams and sandy
soils, are benefited by Fall ploughing, un-
less they are exposed to washing. Steep
side hills should never be plowed in the
Fall, unless you sow them immediately
with grain or grass seed, to furnish roots
for holding the soil in place.

But all heavy loams lying flat, and clays,
are greatly benefited by Fall plowing.—
The rains are generally in the best con-
dition for plowing at this season. They have
had good pasture through the Summer,
and, as a rule, have less to do in the
Winter and Spring. It puts the Spring
work very much ahead to have all the
ground sward turned over in the Fall.—
However much of this may be done, the
teams will have enough to do in the Spring,
in carting manure, cross plowing, harrow-
ing, and getting ready for sowing and
planting.

In the Fall, the lands that are most ben-
efited by plowing, are generally in the best
condition for the operation. In the spring
they are often so wet that they cannot be
plowed until May or June. Now they are
dry, and will crumble as they are turned
over.

By plowing now they are prepared to
receive the full benefit of the action of frost,
rain and snow through the Winter.—
There are no disintegrators like the ele-
ments. Still clays and hard-pans are made
loose and friable by these exposures. The
more rough and broken they are left by
the plow, the better. Then, there are
rough pasture swards full of brush and rank
weeds, and reclaimed swamps with a thick
turf of swamp grasses, that are best sub-
dued by tearing them up now. They
freeze and thaw through the winter, and
little life is left in them by Spring.

Besides this, plowing has an important
influence upon insect life. Many insects
burrow in the earth, and if left undisturbed,
come forth with new life in the Spring.
Plowing disturbs their Winter arrange-
ments, and kills myriads of their larvae.
At this season the soil may be safely plow-
ed deeper than in the spring. The inch
or two of yellow soil will undergo impor-
tant changes before Spring.—*American
Agriculturist.*

INDIAN TOAST.—Place two quarts of milk
over the fire. When it boils, add a spoon-
ful of flour to thicken, a teaspoonful of salt,
a small lump of butter; two tablespoonfuls
of sugar; have ready in a deep dish, six or
eight slices of light Indian bread toasted.
Pour the mixture over them, and serve hot.

BALLOON PUDDING.—To one square bak-
ing tin, use four eggs and three table-
spoonfuls of flour, well beaten together;
a little salt; then fill up with sweet milk.
Bake fifteen minutes in a quick oven. Serve
with sweetened cream or any sauce you
choose. It can be made with three egg
and four spoonfuls of flour.

ADVERTISEMENTS.
ADVERTISEMENTS not inconsistent with the
character of the paper, will be inserted at the fol-
lowing rates:
One square of 10 lines—1st insertion..... \$1 00
For each subsequent insertion..... 25
One square 6 months..... 6 25
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Over and less than one square, in proportion to the
above rates.
Advertisements to be changed weekly, will be inserted
according to agreement. Yearly advertisers will be
required to pay quarterly or semi-annually. Tran-
sient advertisements to be paid for on insertion.

JOB WORK

JOHN PRINCE, of all kinds executed with neat-
ness and dispatch.

CULTIVATION OF THE PEA-NUT.

I see by the 4th number of the present
volume of the Country Gentleman, that a
correspondent wishes to have some infor-
mation respecting the cultivation of the pea-
nut. As I have some little experience in
the cultivation of this article, and lest some
more experienced hand should neglect to
supply the desired information, I shall state
what I know on the subject.

The article is called by a variety of names
in this part of the country; such as pea-
nut, ground pea, pinder, grower-pea, &c.
The ground should be rich and well broken
up. It ought to be of such a description
as might be expected to produce a good
crop of corn. It ought to be laid off in
ridges about three feet apart. A shallow
furrow run with a shallow plow along the
centre of each ridge prepares the ground
for the seed. The pods which contain from
one to three peas each, must be broken,
and the peas planted in the drill from one
foot to eighteen inches apart, and covered
with a hoe about one inch and a half deep.
They ought to be plowed and hoed three
times during the season, to destroy the
weeds and keep the ground loose. The
peavine while growing, sends up a per-
pendicular stem about a foot high; about
this stem many others shoot out in all di-
rections, and run about fifteen inches along
the surface of the ground. Those runners
have joints about an inch and a half apart.
At each joint a strong root strikes down in
to the ground about two inches deep; at the
end of this root the pea-pod is formed, and
there comes to maturity. Some farmers
cover these lateral vines with earth, while
others leave them bare all the time. It is
not agreed which is the better mode. When
ripe, one bunch of vines will have from
one to two quarts of peas. Some planters
cultivate them in hills like corn, but I pre-
fer drills. One acre will produce from
thirty to fifty bushels of peas, which
usually sell at \$1 per bushel in our mar-
kets.—*Cultivator.*

BOILED FOWLS WITH OYSTERS.—Take a
young fowl, fill the inside with oysters,
put it into a jar, and plunge the jar in a
kettle or saucepan of water. Boil it for
one hour and a half. There will be a
quantity of gravy from the juices of the
fowl and oysters in the jar,—make it into
a white sauce, with the addition of egg,
cream or a little flour and butter; add oys-
ters to it, or serve up plain with the fowl.
The gravy that comes from a fowl dressed
in this manner will be a stiffly the next
day, the fowl will be very white and tender
and of an exceedingly fine flavor, advan-
tages not attainable in ordinary boiling,
while the dish loses nothing of its delicacy
and simplicity.

THE UTILITY OF USEFUL THINGS.

The prussiate of potash is made in large
quantities in Cincinnati, from hoofs, horns,
and other refuse of slaughtered gruntings.

Cow-hair, taken from the hides in tan-
neries, is employed for making plastering
mortar, to give it a sort of fibrous quali-
ty.

Sawdust is sold in our streets for sprink-
ling the floors of markets. It is also used
for packing ice for shipping.

The rags of old, worn-out shirting, calico,
dresses, and the waste of cotton facto-
ries, are employed to make the paper upon
which these lines are printed.

Old ropes are converted into fine note-
paper, and the waste paper itself, which is
picked up in the gutters of our streets, is
again reconverted into bread, white-sheets
and thus does duty in revolving stages.

The parings of skins and hides, and the
ears of cows, calves and sheep, are care-
fully collected and converted into Peter
Cooper's famous glue, made out at "Old
Bushwick."

The finer qualities of gelatine are made
from ivory rasping—the bones and tendons
of animals.

Bones converted into charcoal by roast-
ing in retorts, are afterwards employed for
purifying the white sugar with which we
sweeten our coffee, etc.

The ammonia obtained from the distilla-
tion of coal in making gas, is employed for
saturating borichil and eudbear, in making
the beautiful lilac colors that are dyed on
silk and the fine woolen goods.

Carbonic acid, obtained in the distilla-
tion of coal tar, is employed with other acids
to produce beautiful yellow colors on silk
and wool.

The shavings of cedar wood, used in mak-
ing pencils, are distilled to obtain the otto
of cedar wood.

Brass filings and old brass kettles are
remelted and employed to make the brass
work of printing-presses and pumps.

Coal tar is burned and made into lamp-
black, used for printer's ink, common black
paint, and blacking for shoes, etc.