

VERMONT DIGITAL

NEWSPAPER PROJECT

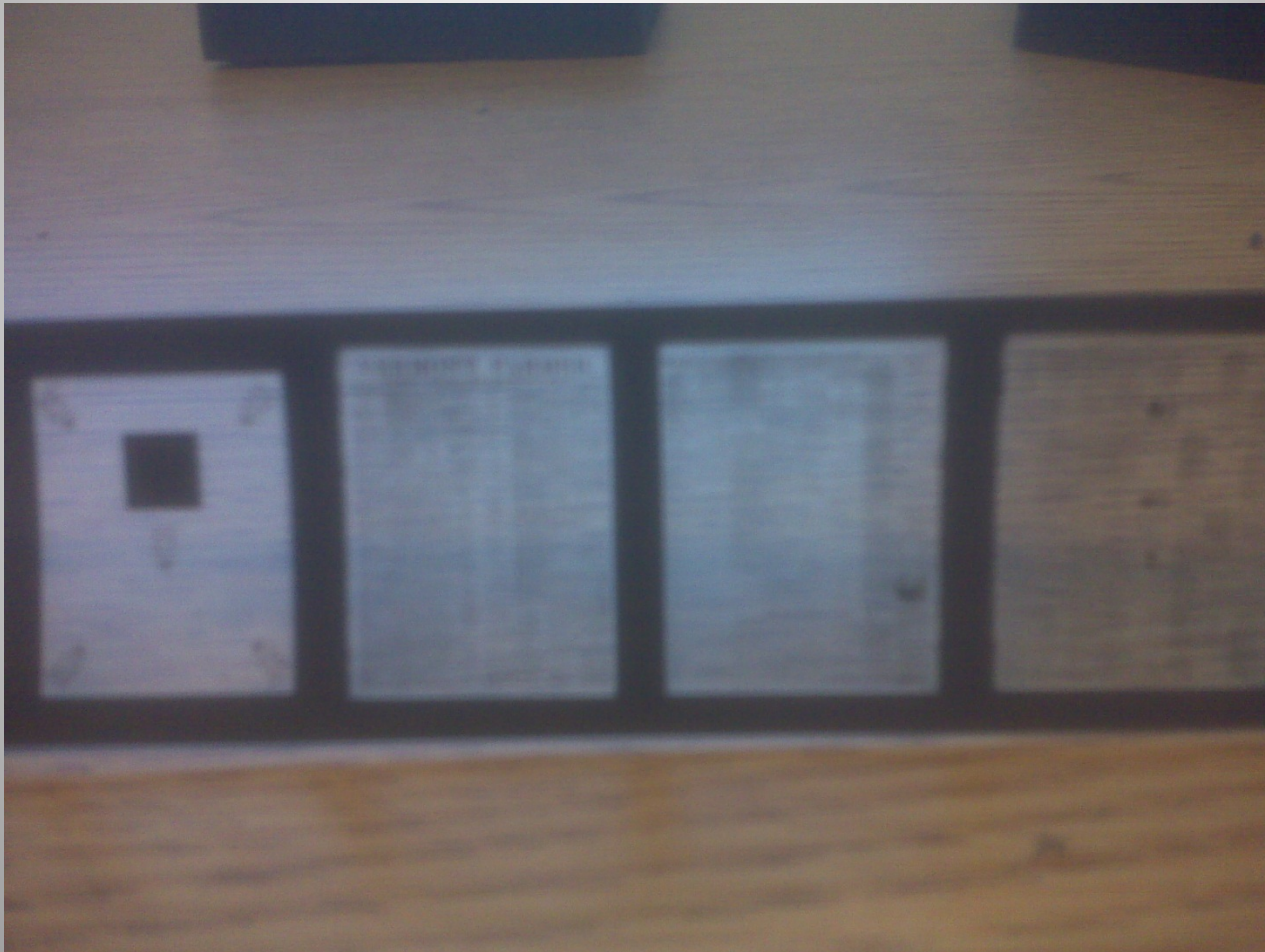
FREEDOM
AND
UNITY

Avenues for research and ongoing developments for the VTDNP and NDNP

A National Digital Newspaper Program state project introduction to newspaper digitization processes and research implications.

Tom McMurdo

The NDNP requires that we digitize from master negative microfilm.



Several avenues of research:

End-user topics.

Analysis of state approaches,
usage, and outcomes.

OCR

OCR creates a text file that is derived from TIF image files

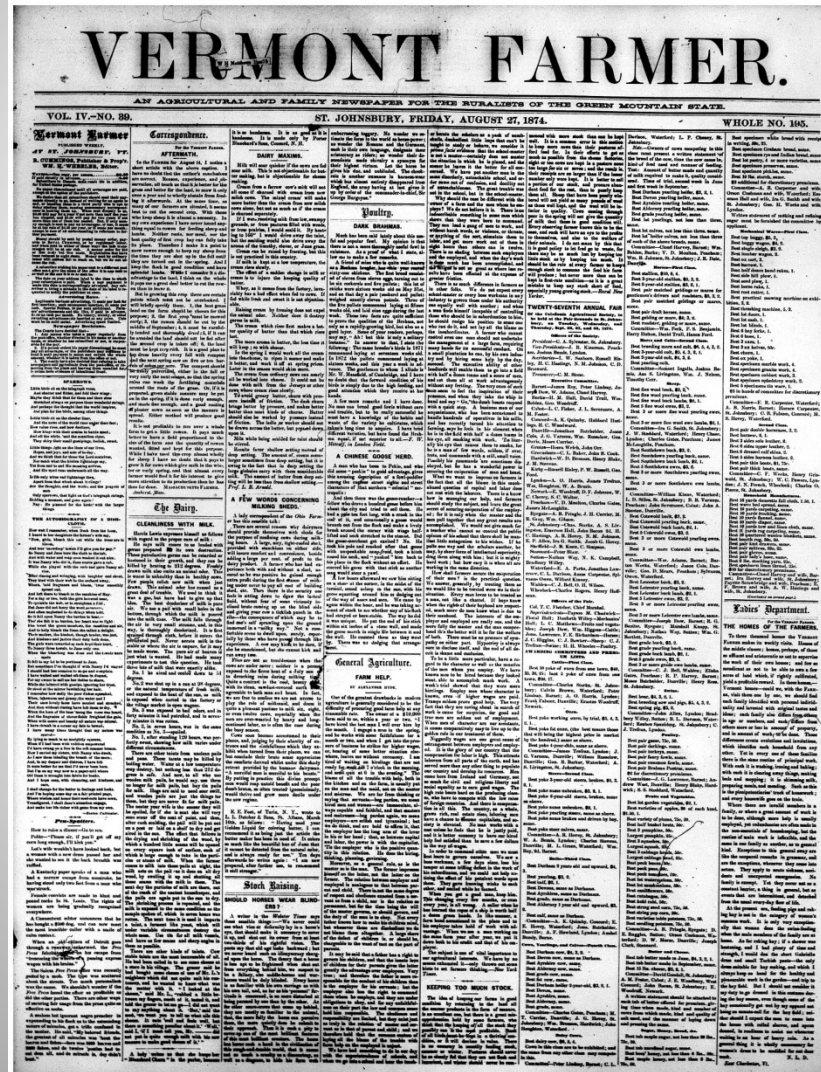


The most popular OCR engines are ABBYY FineReader and DocWorks.



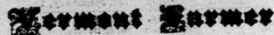
docworks®

Case Study: Vermont Farmer articles



**An examination of 4 pages
reveals very different results.**

Overall OCR % (true accuracy):
Northern Micrographics: 82.4%
Apex CoVantage: 73.8%
iArchives: 68%
HTC: 57%



PUBLISHED WEEKLY,
AT ST. JOHNSBURY, VT.,
BY
CUMMINGS & HOSKINS.

Terms.—One copy, per annum,.....\$2.50
If paid strictly in advance,.....2.00
For Special terms to Clubs see second page.

Rates of Advertising.

Short advertisements, 75 cents per inch for first insertion. Each subsequent insertion, 50 cents per inch. No charge less than \$1.00.
Favorable rates for extensive and yearly advertisements may be had upon application to the publishers.

LIVING ON A FARM.

How brightly through the mist of years,
My quiet country home appears:
My father, busy all the day
In ploughing corn, or raking hay
My mother, moving with delight
Among her milk-pans, silver bright;
We children just from school set free,
Filling the garden with our glee;
The blood of life was flowing warm
When I was living on a farm.
I hear the sweet church-going bell
As 'er the fields its music fell.
I see the country neighbors round
Gathering 'neath the pleasant sound,
They stop awhile beside the door,
To talk the homely matters o'er—
The springing corn, the ripening grain
And "how we need a little rain"
"A little sun would do no harm,
We want good weather for the farm."
When autumn came, what joy to see
The gathering of the husking bee,
To hear the voices, keeping tune,
Of girls and boys beneath the moon,
To mark the golden corn-ears bright,
More golden in the yellow light!
Since I have learned the ways of men,
I often turn to these again,
And feel life wore its highest charm,
When I was living on a farm.

Few-Spatlers.

The re-leaving officer—Spring.
Companions in arms—Twins.
Generally speaking—Women.
Hush Money—Nurse's Wages.
Loose habits—Dressing-gowns.
When is charity like a bee? When it begins "to hum."
A goose is supposed to be like a cow's tail because they both grow down.
Why is a chicken just hatched like a cow's tail? Never seen before.
They who are unable to govern themselves are always desirous of governing others.
Query for Spiritualists—Are low spirits less than medium sights?
The Height of Impertinence—Asking a Jew what his Christian name is.
A school board that is never elected—A blackboard.
The center of gravity—A Quaker's waist coat buttons.
The western wits now call bigamy Utahizing the female sex.
"I don't remember having ever seen you before," as the lawyer said to his conscience.
A rising artist is painting for next year's exhibition a picture of death as large as life.
Jones wrote to a friend, and closed by saying, "I am glad to be able to say that my wife is recovering slowly."
What do you expect to see reflected in your innamorata's eyes? Yourself—if she is a good looking-glass.
An adventurous astronomer, with some spare capital, is looking out for a safe spec.—on the disk of the sun.
An irritable man, who was disappointed in his boots, threatened to eat up his shoe maker, but compromised by drinking a coluber.
If we could read the secret history of our enemies, we should find in each man's life sorrow and suffering enough to disarm all

The Dairy.

For the VERMONT FARMER.
MR. SEMOUR'S AYRSHIRES.

I had an opportunity a short time since, of looking over a small herd of Ayrshires, eighteen in number, belonging to H. K. Semour, Esq., of St. Albans. Mr. Semour, although not a farmer by profession, yet having a fancy for pure bred stock, has taken much pains to obtain those he has, from popular and reliable breeders, as will be seen from the following brief description of his herd: At the head justly stands the cow "Princess," a noble animal, bred by Dr. Geo. B. Loring, of Salem, Mass., direct from imported stock. This has been a remarkable cow for milk, having given thirty-three quarts in a day on grass alone. He also purchased of Dr. Loring, the cows "Empress," "Victoria," and "Ella," and the bulls "Dan" and "Harry." The dam of "Harry" was "Jessie 3d," the prize cow of Scotland, imported by Dr. Loring. For engraving of this cow see "Faint's Milk Cows and Dairy Farming," page 11; also for confirmation of the amount of milk given by "Princess," see April number of *Galaxy*, page 566.

From Gaylor P. Loring, of Boston, Mr. Semour obtained "Empress 2d," "Empress 3d," "Victoria 2d," and "Ella 2d," and from S. D. Hungerford, of Adams, N. Y., "Libbie," and "Libbie 2d," and the bull "Abe Lincoln." So much for his purchased stock, which is certainly a good array to commence with. He has a few animals now on his farm, bred by himself, mostly calves.

This stock has certainly been obtained from reliable sources, and from "outward indications" appears to possess good milking qualities, but I am sorry to say Mr. Semour, after being at much trouble and expense in getting together this fine herd, has put it on his farm, committing it to the care of incompetent persons, and in reality knows very little about its capacity for the production of milk or butter, or the improvement of stock. This is certainly too bad, for with such a number of choice animals to commence with, there should be the requisite care and attention given to them, when corresponding results may, and should, be expected, but hardly otherwise.

Mr. Seymour has had three of his animals painted by Mr. Layton, of Portland, Me. These were the cows "Princess" and "Libbie," and a two-year-old heifer, "Ella," I think. These are good pictures, but hardly equal to the originals. The paintings may be seen in the reading room of the Welden House, St. Albans.

The heifer, "Ella," commenced giving milk when only thirteen months old, and gives promise of being a fine dairy animal.

As I have said before, these are fine-looking animals,—good types of the breed,—being of good shape, style, and color, indicative of being useful for the dairy, and for breeding purposes. I hope that Mr. Semour will not let other demands upon his time and attention deprive him of the opportunity of overseeing his farming operations, personally, and, by so doing, of placing his Ayrshires in the position they are entitled to, and capable of filling, and assist in advancing the interests of good stock and dairy husbandry in this part of the state.
E. R. TOWLE.

Article
and
OCR

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CUMMINGS & HOSKINS.

rm.—On. copy, per annum,....

lfpaMitrctly In adntance, 4.00

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Farorable ratei tot extonslre and yearly adrertlaen

max be had upon application to ths publishers.

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How brightly through the ralit of yeau,

My quiet country hcai appeari I

My fnthe?, buiy all the day

In ploughing corn, or raking hay

My mother, moling with delight

Among her mtlk-pana, diver bright i

We children just from eohool let ftM,

Filling the garden with our gleei

The Mood of lire wai flowing warm

WhenlwaallTlNgonafarm.

I hear the tweet church-going belt

Ai o'er the felda ltt muilo fell.

I oe the country neighbor round

Gathering 'neath the pleasant found,

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To hear tho voices, keeping tune,

01 girls and loyt beneath tho moon,

To mark tho golden corn-ears bright,

More golden In the yellow light!

Since I bare learned the ways of men,

I often turn to these again,

FOOD FOR PIGS.

There is no doubt in our minds of the benefit from feeding crude carbonaceous matter to swine, when they are kept in close pens. The avidity with which hogs eat rotten wood is well known. Charcoal is but another form. The utility of feeding wood has long been recognized. We some years since substituted the ordinary Western stone coal with the best results, where from 200 to 500 hogs were kept in close pens on the refuse of the city hotels. Something of the kind seemed as necessary to them as salt to strictly herbivorous animals. We have known them to consume a pound in the course of a day, and again they would not seek the coal for some time. Just what the particular use of coal is in the animal economy, is not so easy to answer. Swine are especially liable to scrofulous and inflammatory diseases. Carbon, in the shape of coal, is an antiseptic, and the probability is that it acts in this way in purifying the food.—*Western Rural.*

Article and OCR

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OCR is the key to finding data



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Select State(s):

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- Arizona
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- District of Columbia
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- Hawaii
- Illinois
- Kansas

Or Select Newspaper(s):

- All newspapers
- Abbeville progress. (Abbeville, Vermilion Parish,
- The Abilene reflector. (Abilene, Kan.)
- Abilene weekly reflector. (Abilene, Kan.)
- The Abingdon Virginian. (Abingdon [Va.])
- The Adair County news. (Columbia, Ky.)
- Akron daily Democrat. (Akron, Ohio)
- Alexandria gazette. (Alexandria, D.C.)

Select Year(s)*

Newspaper pages are available for newspapers published between 1836-1922*

from 1836 to 1922

Or Date Range

from to

Limit Search: only front page or Specific page

Enter Search

...with any of the words:

...with all of the words:

...with the phrase:

...with the words:

within 5 words of each other

Clear

Search

OCR enhancements and developments

- Continued technological improvements
 - Long term NDNP view
 - Manually entered headlines
 - Advent of user-corrected OCR

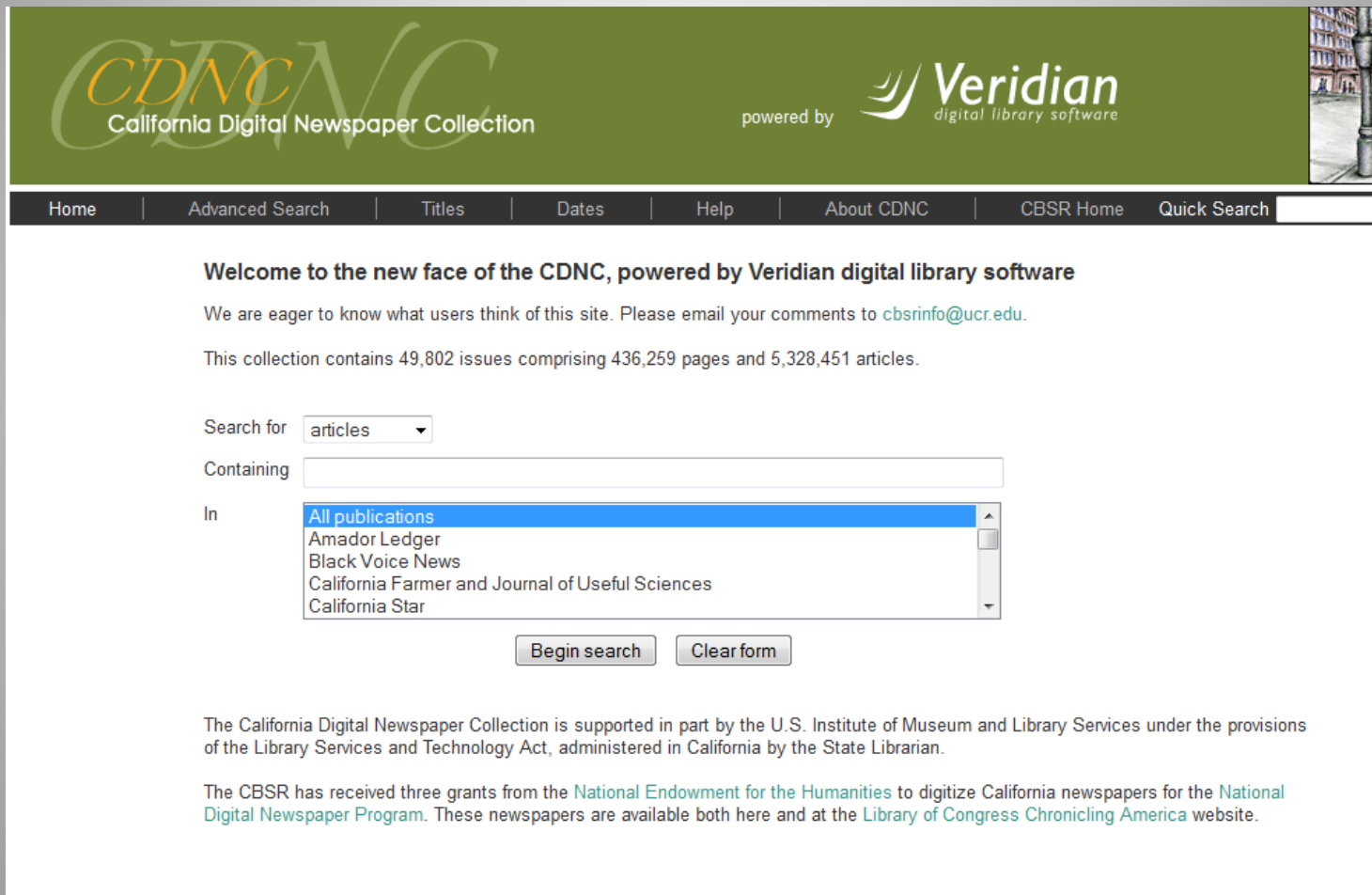
Enhanced OCR: manual headline keying

Utah NDNP project survey:

Study of 1200 people searching Utah's online newspapers rate the results they get for

searches as:	Poor	9%
	Fair	10%
	Average	16%
	Good	39%
	Excellent	27%

An exciting new development: user-generated OCR correction.



The screenshot shows the top of the CDNC website. The header is green with the CDNC logo on the left and the Veridian logo on the right. Below the header is a navigation bar with links: Home, Advanced Search, Titles, Dates, Help, About CDNC, CBSR Home, and Quick Search. The main content area has a welcome message, a search form, and a list of publications.

CDNC
California Digital Newspaper Collection

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Welcome to the new face of the CDNC, powered by Veridian digital library software

We are eager to know what users think of this site. Please email your comments to cbsinfo@ucr.edu.

This collection contains 49,802 issues comprising 436,259 pages and 5,328,451 articles.

Search for

Containing

In

- All publications
- Amador Ledger
- Black Voice News
- California Farmer and Journal of Useful Sciences
- California Star

The California Digital Newspaper Collection is supported in part by the U.S. Institute of Museum and Library Services under the provisions of the Library Services and Technology Act, administered in California by the State Librarian.

The CBSR has received three grants from the [National Endowment for the Humanities](#) to digitize California newspapers for the [National Digital Newspaper Program](#). These newspapers are available both here and at the [Library of Congress Chronicling America](#) website.

Many other research topics with NDNP work

The screenshot displays the 'LOC Digital Viewer and Validator' application. On the left, a tree view under 'Issues' lists numerous entries for 'Vermont farmer (Saint Johnsbury, VT)' with dates ranging from 1872-09-20 to 1874-02-27. The main window shows a preview of a newspaper page titled 'VERMONT FARMER.' with the subtitle 'AN AGRICULTURAL AND FAMILY PAPER FOR THE RICHMOND OF THE GREEN MOUNTAIN STATE.' The interface includes a menu bar (File, Batch, Exemptions, Help), a toolbar with various viewing options (TIFF, JP2, PDF, OCR, Headers, Thumbs, Title Essay, Metadata Viewer, Info), and a status bar at the bottom with navigation controls and the filename: 'F:\batch_vtu_sample_archives\sn84023255\0000000001\1872100401\0018.pdf'.

Thank you.