TEACHING A DOG WORDS.

He Easily Learns to Distinguish Them.—Limits of Intelligence.

It occurred to me whether some such system as that followed with deaf mutes, and especially by Dr. Howe with Laura Bridgman, might not prove very instructive if adapted to the case of dogs. I have tried this in a small way with a black poodle, named "Van." I took two pieces of cardboard about ten inches by three, and on one of them printed in large letters the word "food," leaving the other blank. I then placed two cards over two saucers, and in the one under the "food" put a little bread and milk, which "Van," after having his attention called to the card was allowed to eat. This was repeated over and over again until he had had enough. In about ten days he began to distinguish between the two cards. I then put them on the floor and made him bring them to me, which he did readily enough. When he brought the plain card I simply threw it back, while, when he brought the food card, I gave him a piece of bread, and in about a month he had pretty well learned to realize the difference. I then had some other cards printed with the words "out," "tea," "bone," "water," spelled phonetically, so as not to trouble him by our intricate spelling, and a certain number also with words to which I did not intend him to attach any significance, such as "nought," "plain," "ball," etc. "Van" soon learned that bringing a card was a request, and soon learned to distinguish between the plain and printed cards; it took him longer to realize the difference between words, but he gradually got to recognize several, sdch as "food," "out," "tea," etc. If he was asked whether he would like to go out for a walk, he would joyfully pick up the "out" card, choosing it from several others, and bring it to me or run with it in evident triumph to the door. I need hardly say that the cards were not always put in the same places. They were varied quite indiscriminately and in a great variety of positions. Nor could the dog recognize them by scent. They were all alike and continually handled by us. Still I did not trust to that alone, but had a number printed for each word. When for instance, he brought a card with "food" on it, we did not put down the same identical card, but another bearing the same word, when he had brought that a third, then a fourth, and so on. For a single meal, therefore, eighteen or twenty cards will be used, so that he evidently is not guided by scent. No one who has seen him look down a row of cards and pick up the one he wanted, could, I think, doubt that in bringing a card up that he is making a request, and that he can not only distinguish one card from another, but also associate the word and the object. This is, of course, only a beginning, but it is, I venture to think, suggestive, and might be carried further, though the limited wants and capacities of the animal may cause a great difficulty. My wife has a very beautiful and intelligent collie, "Pincher," to which we are much attached. This dog was often in the room when "Van" brought the food card, and was rewarded with a piece of bread. She must have seen this thousands of times, and she begged in the usual manner, but never once did it occur to her to bring a card. She did not touch, or indeed take the slightest notice of them. I then tried the following experiment. I prepared six cards about ten inches by three, and colored in pairs—two yellow, two blue and two orange. I put three of them on the floor, and then holding up one of the others, endeavored to teach "Van" to bring me the duplicate. I certainly thought that he would soon have grasped what was expected of him. But no. We continued the lesson for nearly three months, but as a few days were missed, we may say for ten weeks, and yet at the end of the time I can not say that "Van" appeared to have the least idea of what was expected of him. It seemed a matter of pure accident which card he brought. There is, I believe, no reason to doubt that dogs can distinguish colors, but it was just possible that "Van" might be color-blind, we then repeated the same experiment, only substituting for the colored cards others marked respectively I., II. and III. This we continued for another three months, or say, allowing for intermissions, ten weeks, but, to my surprise, entirely without success. Leroy, who, though he expressed the opinion that "the nature of the soul of animals is unimportant," was an excellent observer, mentions a case in which a man was anxious to shoot a crow. To deceive this suspicious bird, the plan was hit upon of sending two men to the watch-house, one of whom passed on while the other remained; but the crow counted and kept her distance. The next day three went, and she perceived that only two retired. In fine, it was found necessary to send five or six men to the watch-house to put her out in her calculation. The crow, thinking that this number of men had passed by, lost no time in returning. From this he inferred that crows could count up to four. Litchenberg mentions a nightingale which was said to count up to three. Every day he gave it three meal-worms, one at a time, when it had finished one it returned for another, but after the third it knew that the feat was over.—*From Nature.*

There is a professor in Trinity college, Dublin, a Mr. Mahaffy, who is never more in his element than when playing lackey to some great man, and who exhibited his trait largely on a recent visit of Lord Carnarvon, the lord lieutenant, to the university. There is another professor, Dr. Haughton, of different mold, a fine, manly, and very able man. The "boys" got hold of him the other day, and insisted on his making a speech. Commenting on the viceroy's visit, Dr. Haughton said: "I never myself could see why providence made princes and emperors, and these kind of people, but having made them I can quite understand why it made creatures like Prof. Mahaffy to dance attendance on them."

At least four incorporated towns in Colorado are at an altitude over 9,000 feet above the sea.

NEW ORLEANS.

-Mortgage Loans-

—NEGOTIATED—

AT 8 PER CENT. INTEREST.

"On Improved Farm Properties."

WE NEGOTIATE LOANS FOR NOT LESS than Five Hundred Dollars on well improved Farms at 8 per cent. annual interest, and a moderate commission. For further particulars apply to E. E. BALDWIN, JACKSON, MISS.
STATTUCK & HOFFMAN,
6 UNION STREET, NEW ORLEANS, LA.
dec. 2,'85–6m.

MRS. M. E. COMBE,
—FURNISHED ROOMS,—
—233 CANAL STREET,—
Near Spanish Fort Railroad Depot.

Convenient to Six Lines of Cars and all Lines Running to the Exposition.
nov4,'85–3m.

Cheap Boarding for Exposition Visitors.

MRS. R. G. HARRIS, No. 123 LOUISIANA AVENUE, NEW ORLEANS, begs leave to say to her friends and the public generally, that she is prepared to entertain a limited number of BOARDERS by the DAY, WEEK, or for the ENTIRE SEASON of the EXPOSITION this Winter, and she respectfully solicits patronage. She has added materially to her accommodations, and can assure her patrons of as comfortable quarters as can be had at any Private Boarding House in the City.

TERMS—Lodging and full Board per day, $1.50; Lodging and Breakfast, $1.00; Special arrangements for the week or longer period.

☞Cars to and from the Exposition Grounds pass directly by the house.

Mrs. H. refers to Capt. J. B. Enochs, Dr. T. P. Lockwood, C. A. Redding, L. M. Guess, and H. P. Barnes, Esq., all of Crystal Springs; and also to Col. J. L. Power, Jackson; and Capt. J. S. Hoskins, of Lexington, Miss. [dec.23'85–1m.

H. A. S. BACKER.

Millinery and Fancy Goods!

Ribbons, Silks, Flowers, Etc.

...32 CHARTRES STREET, COR. CUSTOM HOUSE,...

—NEW ORLEANS—

FINE & STYLISH MILLINERY

AT MODERATE PRICES,

Can be had at H. A. S. BACKER'S, 32 Chartres St., Cor. Customhouse, New Orleans. Send for

Illustrated Plate of New Shapes.

☞Orders from the Country Promptly Attended too.
nov.11,'85–2m.

AGENTS WANTED in every County, to sell by Subscription

Memoirs of Gen. U. S. Grant

Written by Himself.

For terms and Territory, address
N. D. McDONALD & CO.
dec.16,'85–2m. NEW ORLEANS, LA.

Parties Visiting New Orleans

WHO DESIRE SUPERIOR ACCOMMODATIONS, near CANAL STREET, in a central location, at reasonable prices, can obtain Rooms, with or without Board, at the elegant residence **No. 9 North Rampart**. The Exposition steam cars pass at the corner. [dec.2,'85–3m.

INSURANCE!

—NEW FIRM.—

THE FIRM OF BARROWS & HAYS HAVING been dissolved, the business will be hereafter carried on under the firm name of

BARROWS & LAIRD,

Who will continue to Conduct a GENERAL FIRE, Life, and Marine Insurance Business,

—AT THE—

Old Stand Over Scutter's Corner.

Every class of property will be Insured at the Lowest Rates, and Business attended to in the Usual Prompt and Correct Manner.

Life Policies in the well-known and reliable,

Equitable Life Assurance Society of the United States.

We represent the following Substantial FIRE COMPANIES:

LIVERPOOL AND LONDON AND GLOBE!
HOME, OF NEW YORK!
PHENIX, OF BROOKLYN!
HANOVER, OF NEW YORK!
GERMANIA, OF NEW YORK!
PHENIX, OF HARTFORD!
WESTERN, OF TORONTO!
CRESCENT, OF NEW ORLEANS!
MISSISSIPPI HOME INSURANCE CO.!

We ask for a continuance of the liberal patronage which has so long been extended to this old established Agency.

D. N. BARROWS,
J. T. H. LAIRD.
Jackson, January 1, 1886.–jan.5,'86–dawtf.

Thorough-Bred and Graded Cattle FOR SALE!

At the Farm of the undersigned, near Jackson,

Thorough-Bred Jerseys.

Six Bulls, Cows, Heifers and Calves.

Holstein-Freslans.

Six Bulls, from two months to 3 years old.

Ten High-Grade Jerseys.

For pedigree, price, etc., address
W. L. HEMINGWAY,
sep16,'85– JACKSON MISS.

HOLME'S SURE CURE

MOUTH WASH and DENTRIFICE!

Cures Bleeding Gums, Ulcers, Sore Mouth, Sore Throat, Cleanses the Teeth and Purifies the Breath; used and recommended by leading Dentists. Prepared by DRS. J. P. & W. R. HOLMES, Dentists, Macon, Ga. FOR SALE BY ALL DRUGGISTS AND DENTISTS. [july15,'85.1y.

Short

IS A VERY GOOD HAND TO HOLD TO IN the race of life. This valuable Art is now in the reach of all. Book—Cogoodby's Method, $1.50. Book and thorough instructions by mail, covering the entire course, $5.00. Send for circular.
G. T. HOWERTON, Southern Agent,
dec23,'85–3m. Guntown, Miss.

Valuable Plantation for Sale!

MY PLANTATION ADJOINING THE TOWN of Greenville, Washington Co., Miss., containing 1600 acres—1,000 acres cleared and well improved. Will sell the entire Plantation, or in tracts of 50 acres, to suit purchasers. Terms—One-fourth cash, and balance, one, two and three years.
For further particulars, apply to
JOSHUA SKINNER,
nov15,'85–3m. Greenville, Miss.

FOR SALE.

MY PLACE, SEVEN AND A HALF ACRES, south of the Barfield place, and north of Mr. Sidway's about 1¼ mile from the State House. Will sell the whole, or in half or quarter sections—each facing the Livingston road, or the road east of my place. Above contains a fine cistern and beautiful grove of forest trees. Title perfect.
jan.20,'85–3t E. V. SEUTTER.

E. C. T. BOOTH,

—(SUCCESSOR TO BOOTH & HIPPLE.—

HOUSE, SIGN AND CARRIAGE PAINTING GRAINING A SPECIALTY. Shop back of John Taylor's Blacksmith Shop, Pascagoula St.,
june17,'85– JACKSON, MISS.

—Stetson Hats a specialty at the CAPITAL CLOTHING EMPORIUM.

CAPITAL CLOTHING EMPORIUM!

WE HEREBY ANNOUNCE, THAT FROM THIS DATE.

—WE OFFER OUR—

WHOLE STOCK OF

CLOTHING!

GENTS' FURNISHING GOODS!

Hats! Trunks! Valises! Umbrellas! Etc.,

—AT A—

GREAT SACRIFICE!

☞ We have bought a VERY LARGE STOCK, and since crop prospects are not as flattering as anticipated,

—WE OFFER—

Unprecedented Bargains!

Suits worth $22.00, we sell for $12.00.

Suits worth $20.00, we sell for $10.00

THE BEST OVERCOAT IN THE WORLD, Reversible, $4.00

THE BEST UNLAUNDRIED SHIRT IN THE WORLD FOR .50

SUCH AN OCCASION FOR PURCHASING

First-Class Goods at Such Low Figures!

MAY NOT OCCUR ONCE IN A LIFE-TIME.

FRIEDMAN, ABRAHAM & CO.,

STATE STREET,

JACKSON, MISSISSIPPI.

—1886—NEW YORK HERALD—1886—

WEEKLY EDITION!

READ BY 175,000 FAMILIES EVERY WEEK.

INDEPENDENT --AND-- UNIVERSAL!

ALWAYS BRIGHT, RELIABLE AND PURE IN TONE.

Excellent Advertising Medium.

Special Advantages for Advertising Municipal and Legal Notices; also for Dry Goods, Publishers' Real Estate, Agricultural Implements and General Trade Announcements.

ADVERTISEMENTS FIFTY CENTS A LINE

NO EXTRA CHARGE FOR DISPLAY TYPE OR CUTS.

Circulated in every State in the Union; in Mexico, South America, the West Indies, Australia, and in Europe.

SUBSCRIBE NOW FOR 1886!

MOST NEWSY and ACCURATE WEEKLY JOURNAL in the U. S.

Contains Twenty-four hours Later News each week than its Contemporaries.

SPECIAL CABLE DESPATCHES

By the Bennett-Mackay Cables. As these cables connect directly with the HERALD office, the foreign news cannot be tampered with before reaching the public.

THE WEEKLY REVIEW

Is a special feature of the WEEKLY HERALD, and is epigrammatic, choice and interesting.

CARTOONS, POLITICAL AND SOCIAL,

Prepared by De Grimm and other artists.

A PERFECT NEWSPAPER.

It contains all the general news of the daily edition of the HERALD, which has the largest circulation in the United States.

Independent in politics, it is the most valuable chronicle of political news in the world, impartially giving the occurrences and opinions of all parties, so that all sides may be known.

THE FARM.

The Farm Department of the WEEKLY HERALD is practical. It goes to the point and does not give wild theories. The farmer will save many more than one dollar a year from the suggestions of the Farm Department alone, concerning soil, cattle, crops, trees, buildings, gardening, poultry, and agricultural economy.

HOME INSTRUCTION

Includes the preparation of new and palatable dishes, furnishing, deportment, decorations, &c.; also the fashions at home and abroad. The latest inventions in sanitary and social science, special literary compositions, poetry, and a

SERIAL NOVEL.

Select Sermons each week by eminent clergymen, and general Church intelligence. In addition are given latest reports of trade and

STOCK AND PRODUCE MARKETS,

The condition of money, wit and humor, sporting news, the doings of well-known persons, a department devoted to the dramatic and lyric stage. The WEEKLY HERALD is a great journal for the family.

ONE DOLLAR A YEAR.

Address NEW YORK HERALD, Broadway and Ann Street, New York City.
dec.2,'85–4w.]

-The Weekly Globe-Democrat!-

ONE DOLLAR A YEAR!

☞READ CAREFULLY.☜

The following comparative statement of a number of the most prominent Weeklies published in the United States shews conclusively that the WEEKLY GLOBE-DEMOCRAT is from 25 TO 50 PER CENT THE CHEAPEST.

Weekly Globe-Democrat, St. Louis, Mo	10 Pages	70 Columns	$1 00 Per Year.
WEEKLY REPUBLICAN, St. Louis, Mo	8 Pages	56 Columns	$1 00 Per Year.
WEEKLY TRIBUNE, Chicago, Ill	8 Pages	55 Columns	1 00 Per Year.
WEEKLY TIMES, Chicago, Ill	8 Pages	56 Columns	1 25 Per Year.
WEEKLY INTER OCEAN, Chicago, Ill	8 Pages	56 Columns	1 00 Per Year.
WEEKLY ENQUIRER, Cincinnati, O.	8 Pages	56 Columns	1 10 Per Year.
WEEKLY COMMERCIAL GAZETTE, Cincinnati, O.	8 Pages	56 Columns	1 00 Per Year.
WEEKLY TIMES, New York City	8 Pages	56 Columns	1 00 Per Year.
WEEKLY SUN, New York City	8 Pages	56 Columns	1 00 Per Year.
WEEKLY WORLD, New York City	8 Pages	56 Columns	1 00 Per Year.

FOURTEEN COLUMNS OF SOLID READING MATTER IN FAVOR OF THE G-D.

Ten Pages made up of the Latest Telegraphic News and Correspondence from all parts of the World, Political News, full and complete Market Reports, and Choice Miscellaneous Matters selected especially for the Farm and Home. Sent to any address ONE YEAR FOR ONE DOLLAR (Postage prepaid). It is the Largest and Best Family Paper in the World. Sample Copies Sent on Application.

Prices of Other Editions of the Globe-Democrat:

Daily, Per Annum $12 00
Tri-Weekly, Per Annum 5 00
Semi-Weekly, Per Annum 3 00

Postmasters and Newsdealers are authorized to receive Subscriptions or send direct to the

GLOBE PRINTING CO., ST. LOUIS, MO.

dec.9,'85–6w.

1886.

Harper's Weekly.

ILLUSTRATED.

HARPER'S WEEKLY has now, for twenty years, maintained its position as the leading illustrated weekly newspaper in America. With a constant increase of literary and artistic resources, it is able to offer for the ensuing year attractions unequalled by any previous volume, embracing two capital illustrated serial stories, one by THOS. HARDY, among the foremost of living writers of fiction, and the other by Mr. WALTER BESANT, one of the most rapidly rising of English novelists; graphic illustrations of unusual interest to readers in all sections of the country; entertaining short stories, mostly illustrated, by the best writers, and important papers by high authorities on the chief topics of the day.

Every one who desires a trustworthy political guide, an entertaining and instructive family journal, entirely free from objectionable features in either letter-press or illustrations, should subscribe to HARPER'S WEEKLY.

HARPER'S PERIODICALS.

PER YEAR:

HARPER'S WEEKLY $4 00
HARPER'S MAGAZINE 4 00
HARPER'S BAZAR 4 00
HARPER'S YOUNG PEOPLE 2 00
HARPER'S FRANKLIN SQUARE LIBRARY, One Year (52 Numbers) 10 00

Postage Free to all subscribers in the United States or Canada.

The Volumes of the *Weekly* begin with the first Number for January of each year. When no time is mentioned, it will be understood that the subscriber wishes to commence with the Number next after receipt of order.

Bound Volumes of *Harper's Weekly*, for three years back, in neat cloth binding, will be sent by mail, postage paid, or by express, free of expense (provided the freight does not exceed one dollar per volume), for $7 00 per volume.

Cloth Cases for each volume, suitable for binding, will be sent by mail, postpaid, on receipt of $1 00 each.

Remittances should be made by Post-Office Money Order or Draft, to avoid chance of loss.

Newspapers are not to copy this advertisement without the express order of HARPER & BROTHERS.

Address HARPER & BROTHERS, New York.

1886.

Harper's Magazine.

ILLUSTRATED.

The December Number will begin the Seventy-second Volume of HARPER'S MAGAZINE. Miss WOOLSON'S novel, "East Angels," and Mr. HOWELL'S "Indian Summer"—holding the foremost place in current serial fiction—will run through several numbers, and will be followed by serial stories from R. D. BLACKMORE and Mrs. D. M. CRAIK. A new editorial department, discussing topics suggested by the current literature of America and Europe, will be contributed by W. D. HOWELLS, beginning with the January Number. The great literary event of the year will be the publication of a series of papers—taking the shape of a story, and depicting characteristic features of American society as seen at our leading pleasure resorts written by CHARLES DUDLEY WARNER, and illustrated by C. S. REINHART. The MAGAZINE will give especial attention to American subjects, treated by the best American writers, and illustrated by leading American artists.

HARPER'S PERIODICALS,

PER YEAR:

HARPER'S MAGAZINE $4 00
HARPER'S WEEKLY 4 00
HARPER'S BAZAR 4 00
HARPER'S YOUNG PEOPLE 2 00
HARPER'S FRANKLIN SQUARE LIBRARY, One Year (52 Numbers) 10 00

Postage Free to all subscribers in the United States or Canada.

The volumes of the *Magazine* begin with the Numbers for June and December of each year. When no time is specified, it will be understood that the subscriber wishes to begin with the current Number.

Bound Volumes of *Harper's Magazine*, for three years back, in neat cloth binding, will be sent by mail, postpaid, on receipt of $3.00 per volume. Cloth Cases, for binding, 50 cents each—by mail, postpaid.

Index to *Harper's Magazine*, Alphabetical, Analytical, and Classified, for Volumes 1 to 60, inclusive, from June, 1850, to June, 1880, one vol 8vo, Cloth, $4 00.

Remittances should be made by Post-Office Money Order or Draft, to avoid chance of loss.

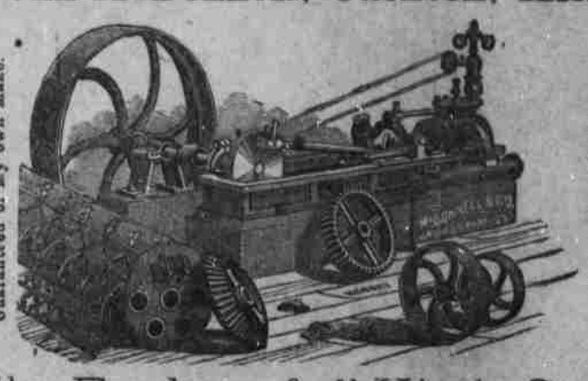
Newspapers are not to copy this advertisement without the express order of HARPER & BROTHERS.

Address HARPER & BROTHERS, New York.

Excelsior Machine and Planter Plow Works!

John McDonnell, Jackson, Miss.

Engines from 12 to 50 Horse Power. Now ready for Delivery at Low Prices! Guaranteed of My own Make.



MACHINERY OF ALL KINDS. Made and Repaired! Large Stock of Pipe and Fittings at Wholesale and Retail.

Boiler Feeders of all Kinds, Steam

GAUGES, WHISTLES, GAUGE-COCKS, VALVES, OIL CUPS, Etc., Etc. HEMP AND GUM BELTING.

Boiler and Sheet-Iron Rivets, Bolts and Babbet Metal!

Agent for Erie City Boiler Works, Winship Gin-Stands, Feeders and Condensers, and Cotton Presses for Hand or Steam Power; also, Straub Grist Mills.

☞Write for what you want. JOHN McDONNELL,

PROPRIETOR EXCELSIOR FOUNDRY AND MACHINE SHOP.

—PLANTER PLOWS!—

—LARGE STOCK OF THE—

PLANTER PLOWS NOW READY FOR THE SEASON OF 1886.

Steel Points and Steel Scrapers to work on Cast Plows. Extra Points and Land Sides for all Plows made by me on hand at all times.

JOHN McDONNELL, PROPRIETOR EXCELSIOR FOUNDRY AND
sep16,'85— PLANTER PLOW WORKS.

WILLIAM LOWE,

MERCHANT TAILOR,

CAPITOL STREET, JACKSON, MISS.

A FULL LINE OF BROADCLOTHS, CASSIMERES, Gents' Furnishing Goods, of best quality, always on hand. SUITS MADE IN LATEST STYLES, and at reasonable prices.

☞Orders from any part of the State will receive prompt and careful attention.

JAKE WONDERS,

ON SOUTH SIDE CAPITOL STREET, ONE door above Express Office. The oldest established and most reliable

—BARBER—

Shop and Hair Dressing Saloon

in the City of Jackson and receive the patronage of Mississippi's oldest and best citizens, Tonsorial in accordance with the times.
January 6, 1886–d1m.