

THE WORLD OF SCIENCE.

Voracity of the Pickrel.

In the report of the Massachusetts Inland Fisheries, Dr. Sturtevant relates an incident which illustrates the extraordinary voracity and rapid growth of the pickrel.

The Mole-Cricket.

Mr. Scudder has contributed to Psyche a pleasant paper on the chirp of the mole cricket, in which he accomplishes the clever feat of writing down the notes of the insect on a musical staff.

Spontaneous Generation.

In performing experiments to sustain the theory of spontaneous generation, Dr. Bastian and others have been content to boil matter in vessels carefully protected from the air, assuming that all living organisms contained therein were destroyed by the action of the heat produced.

Treatment of Bee Stings.

A writer in the American Journal of Microscopy gives the following directions for the treatment of a bee sting, which are worth remembering: "Onions, ammonia, ashes, beef, and a hundred other remedies, have been prescribed; but we never found them of any special value."

Secreting Organs of Serrated Leaves.

The last number of Pringle's Year-Book contains a paper by Dr. G. Reinke, of Göttingen, treating of the secreting organs occurring on the serrations of certain foliage leaves.

A Chinese Wine.

In alarm lest the destructive Phylloxera shall sooner or later, so sap the blood of the grape that the beverage shall fail in the land, many attempts are being made to provide some substitute that may take its place.

The Acacias.

The large and useful family of plants called Leguminosae have an extended range, species being found in almost every known part of the earth, save in the islands of Tristan, d'Acugna, and St. Helena, where there are none.

a total of 450, species have thus far been discovered. Whole forests, in this island, are frequently composed entirely of Acacias, which develop into large timber trees or into dense underbrush.

The Story of Gipsie's Rose.

When I first opened the folds of my soft green covering, it was on a beautiful morning; the sky was clear, the sun was just making his appearance from behind a high hill, covered with fields of green pasture, and fields of different shades of green, which I afterwards learned were fields of grain, and fields of newly broken ground with scarcely a perceptible tinge of green.

On pedestrianism he writes as follows: "Oh, the weariness, the emptiness, the plotting, the seeking rest and finding none, that goes by in the carriage, while your pedestrian is always cheerful, alert, refreshed, with his heart in his hand free to all!"

"Every man's life is a fairy tale and written by God's finger," was a favorite saying of Hans Andersen. "Hansen on which Uncle Sam's Harvest Oil is used will last fifty per cent longer than the ordinary kerosene, kerosene and other cheap oils are applied."

The New English Peers.

As regards the four new peers whom Mr. Disraeli has just made—Mr. Gore, Mr. Stuart, Mr. Tollenache, and Sir Robert Gerard—it is to be remarked, first of all, that they are all men of great wealth, going up to as high as £200,000 (\$400,000) a year.

The Pomegranate in California.

The pomegranate is one of the most profitable fruits grown in this valley. The trees bear fruit in three years from the cuttings, and will grow on the most ordinary soil without irrigation.

Extra's.

The Washington Winter-Winter Sunshine-The Pedestrian-The Apple.

Mr. John Burroughs, in his new book, entitled "Winter Sunshine," opens his first essay as follows: "An American resident in England is reported as saying that the English have an atmosphere but no climate. The reverse of this remark would apply pretty accurately to our own case."

Kalahana's Kingdom.

Horseback riding seems natural to the Hawaiians, and they dash along the street and roads in troops and cavalades, which fill the air with dust and them with delight.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo. A regular practitioner of the profession of medicine, Dr. Whittier has spent many years in the study of the human system.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

Dr. Whittier's

Dr. Whittier's MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

THE GREAT BLOOD REMEDY

VEGETINE

MAKE IT PUBLIC.

South Boston, Feb. 18, 1876. From many sources I have received...

ONION SEED! ONION SEED!

Onion Seed in large or small quantities, selected and refined, offered at the lowest price.

Best and Cheapest SEEDS Money Refunded.

Buy DIRECT from the grower, postage express paid, and get fresh, true and reliable seeds.

Smith's Superior Onion Seed.

Warranted PURE, PRIME, RELIABLE. Onion seed growing in a specialty with me, and I have testimonials from over 200 states and Territories.

Early Bred Yellow Danvers.

Early Bred Yellow Danvers. Price per bushel, 20 cents. White Portland or Silver King, 25 cents.

Iowa Grower's Seed Catalogue for 1876.

Our Catalogue for 1876. Sent Free TO ANY ADDRESS.

BURLINGTON PATENT OFFICE AGENCY.

NO PATENT, NO PAY. Correspondence solicited. 111 North Main St., Burlington Iowa.

PATRON'S HELPER

A Large Weekly Paper, for \$100.00 a Year. A Farmer's Paper, at Price, \$1.50 a Year.

MARCY'S SCIOPTICON.

MAGIC LANTERN SLIDES. With new, improved and complete sets of slides.

Real Estate and Mortgage Securities.

Room 3 and 4, No. 202 Washington St. A. H. HAZEN, M. D., PHYSICIAN AND SURGEON.

DR. STONE'S

DR. STONE'S 171 W. Madison St., Chicago, Ill. Specialties: Catarrh of the Bladder, Gonorrhoea, etc.

MARRIAGE GUIDE

AND HEALTHY MARRIAGE GUIDE. A BOOK OF NATURE. A BOOK FOR THE MILLION.

DR. JACQUES

705 Chestnut St., St. Louis, Mo. SPECIALTY: NEURALGIA, MIGRAINE, SCIATICA, etc.

DR. WHITTIER'S

DR. WHITTIER'S MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

DR. WHITTIER'S

DR. WHITTIER'S MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

DR. WHITTIER'S

DR. WHITTIER'S MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

DR. WHITTIER'S

DR. WHITTIER'S MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

DR. WHITTIER'S

DR. WHITTIER'S MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

DR. WHITTIER'S

DR. WHITTIER'S MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

DR. WHITTIER'S

DR. WHITTIER'S MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

DR. WHITTIER'S

DR. WHITTIER'S MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

DR. WHITTIER'S

DR. WHITTIER'S MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

DR. WHITTIER'S

DR. WHITTIER'S MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

DR. WHITTIER'S

DR. WHITTIER'S MARRIAGE GUIDE AND HEALTHY MARRIAGE GUIDE. 617 St. Charles Street, St. Louis, Mo.

EDUCATIONAL.

Burlington Seminary College. BRYANT & STRATTON SCHOOL.

THE ONLY

Burlington Seminary College. BRYANT & STRATTON SCHOOL. In Southern Iowa, 11th Scholarship, \$500.00.

SPECIAL ADVANTAGES!

1. Highest Quality of Instruction. 2. The lowest tuition in the West. 3. Individual and personal instruction.

TO LOAN IN IOWA.

TO LOAN IN IOWA, Eastern Nebraska and Northern Missouri. To loan in Iowa, Eastern Nebraska and Northern Missouri.

GROVER & BAKER'S

NEW IMPROVED SHUTTLE STITCH SEWING MACHINES. ARE THE VERY BEST IN USE.

PHYSICIAN AND SURGEON.

E. H. HAZEN, M. D., PHYSICIAN AND SURGEON. SPECIALTY: EYE AND EAR!

THE KEYSTONE MANUFACTURING CO.

Manufactures the Celebrated Keystone Corn Planter, Keystone Corn Chellers, Keystone Seed Sower, Keystone Cider Mills, Keystone Feed Cutters.

WOOD'S HOTEL

34 and 36 E. WASHINGTON ST. CHICAGO. \$2 PER DAY. NEVADA HOTEL.

OPIMUM

OPIMUM. A. E. WILLIS, THE PHRENOLOGIST OF THE WEST. 75 MADISON ST. CHICAGO, ILL.

KNOW THYSELF

KNOW THYSELF. A. E. WILLIS, THE PHRENOLOGIST OF THE WEST. 75 MADISON ST. CHICAGO, ILL.

WEAK LUNGS

WEAK LUNGS. A. E. WILLIS, THE PHRENOLOGIST OF THE WEST. 75 MADISON ST. CHICAGO, ILL.

OPIMUM

OPIMUM. A. E. WILLIS, THE PHRENOLOGIST OF THE WEST. 75 MADISON ST. CHICAGO, ILL.

KNOW THYSELF

KNOW THYSELF. A. E. WILLIS, THE PHRENOLOGIST OF THE WEST. 75 MADISON ST. CHICAGO, ILL.

WEAK LUNGS

WEAK LUNGS. A. E. WILLIS, THE PHRENOLOGIST OF THE WEST. 75 MADISON ST. CHICAGO, ILL.

OPIMUM

OPIMUM. A. E. WILLIS, THE PHRENOLOGIST OF THE WEST. 75 MADISON ST. CHICAGO, ILL.

KNOW THYSELF

KNOW THYSELF. A. E. WILLIS, THE PHRENOLOGIST OF THE WEST. 75 MADISON ST. CHICAGO, ILL.

WEAK LUNGS

WEAK LUNGS. A. E. WILLIS, THE PHRENOLOGIST OF THE WEST. 75 MADISON ST. CHICAGO, ILL.

OPIMUM

OPIMUM. A. E. WILLIS, THE PHRENOLOGIST OF THE WEST. 75 MADISON ST. CHICAGO, ILL.

KNOW THYSELF

KNOW THYSELF. A. E. WILLIS, THE PHRENOLOGIST OF THE WEST. 75 MADISON ST. CHICAGO, ILL.

WEAK LUNGS

WEAK LUNGS. A. E. WILLIS, THE PHRENOLOGIST OF THE WEST. 75 MADISON ST. CHICAGO, ILL.

OPIMUM

OPIMUM. A. E. WILLIS, THE PHRENOLOGIST OF THE WEST. 75 MADISON ST. CHICAGO, ILL.

KNOW THYSELF

KNOW THYSELF. A. E. WILLIS, THE PHRENOLOGIST OF THE WEST. 75 MADISON ST. CHICAGO, ILL.