

AN ASSISTANT ASTRONOMER ROYAL... THE OREGONIAN'S HOME STUDY CIRCLE... BIOGRAPHICAL STUDIES FOR GIRLS... VII—CAROLINE HERSCHEL...



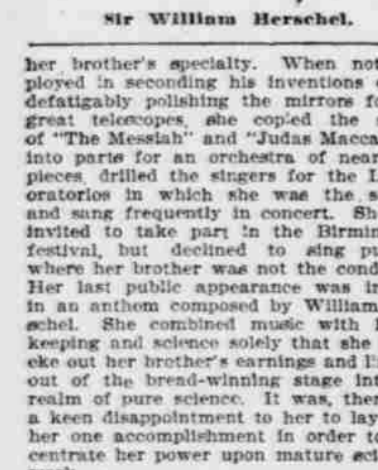
Caroline Herschel.

usual Teutonic tenacity to the theory that a girl should have no more education than would enable her to become a competent family nurse...

England was at this time, under the rule of the Hanoverian Kings, and the Herschel boys journeyed thither at the mere word of the king who their father was master.

Shortly after William's return to Bath, where he followed the trade of musician merely to obtain the means of studying his beloved astronomy...

At William's bidding she first took up music, developing a remarkable talent for singing which would have justified her career as a prima donna had she not, at her greatest proficiency, been obliged to stifle all longings for the conductor.



Sir William Herschel.

her brother's specialty. When not employed in sounding his inventions or indistigably playing the organ for his great telescopes, she copied the scores of "The Messiah" and "Judas Macabeus" into parts for an orchestra of nearly 100 pieces...

After some rebellion of spirit, to spend night after night on dewy or frosty ground, plotting and calculating, was a most disagreeable thing...

With this enthusiastic brother, Caroline Herschel braved the roughest weather, nosing the right ascensions and polar distances of the objects observed while the ink froze in the bottle...

By this time her self-education was so complete that the joys of youth, the drawbacks of age, were alike unnoted...

possession of the first money, most irregularly paid, which she had ever been able to spend to her liking...

That spring her brother William married; although his wife became Caroline's life-long friend, it was a great blow to her brother's life to be thus relegated to a secondary place...

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It is a noteworthy fact that the Herschel arrived at science by the road of music; for the kindred exactness in the two branches appealed to their mental precision.

William Herschel's fame as a musician and composer was so great that he had exchanged for that of astronomical discoverer and inventor. His wonderful 40-foot telescope, the discovery of the planet Georgium Sidus in 1781, and of a volcanic mountain in the moon in 1785, made him the leading authority in Europe and caused his appointment as astronomer royal in 1782.

a century, dating from Sir William's discovery of the Georgium Sidus to Sir John's death, nearly 100 years later.

When Sir John Herschel returned to Hanover four years later, bringing the little William Herschel, named for the venerable aunt, he wished to visit in a comet, she had the pleasure of writing this fact to her brother, her letter crossing the following diary-letter from him:

Dear Lisa: Avg. 1—I counted 166 nebulae today and this evening I saw an object which I believe will prove tomorrow night to be a comet. I have calculated 150 nebulae. I fear will be the end of the world. The object of last night is a comet.

It seems, however, from several congratulatory letters received from noted astronomers, that to Caroline belonged the credit in polishing this first comet, the first of eight comets which she discovered.

Until William Herschel's day six or eight inches was considered the regulation size for the mirror of an astronomical telescope...

The many distinguished visitors who came to the house after the discovery of the Georgian satellites—1781—did not agree with Caroline's modest estimate of herself. So that when, in 1785, the salary of the astronomer royal was doubled, the music, and an occasional lesson on the violin, she learned from her father when her mother was away or in an unusually good humor.

Her reading, writing, the rudiments of the music, and an occasional lesson on the violin, she learned from her father when her mother was away or in an unusually good humor.

By this time her self-education was so complete that the joys of youth, the drawbacks of age, were alike unnoted, because of her absorption in her brother's life work, she resented fiercely all praise of herself which might detract from her brother's fame, and writes with all sincerity: "I have done nothing; all I am, all I know, I owe to my brother. I am only a tool which he shaped to his use—a well-trained puppy dog would have done as much."

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POSITIVE FACTS FOR WOMEN.



All the world knows of the wonderful cures which have been made by Lydia E. Pinkham's Vegetable Compound, yet some women do not realize that all that is claimed for it is absolutely true.

How Mrs. Baugher's Life was Saved by Lydia E. Pinkham's Vegetable Compound.

"Lydia E. Pinkham's Vegetable Compound saved my life and gave back a loving mother to eleven children, which was more than any doctor could have done or any other medicine in the wide world.

First—Lydia E. Pinkham's Vegetable Compound holds the record for the largest number of absolute cures of any remedy for female ills ever known in this country.

Second—Mrs. Pinkham has on file millions of letters from women who have been restored to health by the use of her Compound, and all these claims can be verified by an examination of her records.

NO medicine in the world has a greater record of cures for female ills than LYDIA E. PINKHAM'S VEGETABLE COMPOUND.

and time itself calls for the best of the elect to carry out the work of God."

Bishop Thorburn Expected April 7. Bishop Thorburn is expected to arrive in Portland one week from today.

Real Estate Transfers. R. P. Bremmer and wife to Emil Strupler, 31-3430, lot 29, block 15, 750.

East Side Notes. Allen A. Yerex and wife will shortly leave for British Columbia to reside.

MEMORIAL SERVICE. Congregation Beth Israel mourns Death of Rabbi Isaac M. Wise.

Building Permits. Archbishop Christie, school building, southeast corner Fifth and Mill streets, \$2800.

IN CLEARWATER VALLEY. Certain extensions of the Northern Pacific are now completed.

Lehigh Valley Desires to Place an Office in Portland. The general agent of the Lehigh Valley road at Tacoma, Percy L. Sinclair, has been in Portland several days.

Farmers Want a Railroad. The Montreal, March 20.—A large deputation of farmers from the country north of Brandon recently waited upon Premier.

NO PAIN! NO GAS! No charge for painless extraction when teeth are ordered. All work done by graduate dentists.

What is wanted of soap for the skin is to wash it clean and not hurt it.

Pears' New York Dental Parlors. PORTLAND OFFICE: N. E. Cor. Fourth and Morrison Sts.

BLOOD POISON. PRIMARY, SECONDARY OR TERTIARY BLOOD POISON? Permanently Cured.

COOK REMEDY CO. 1529 Mission Temple, Chicago, Ill. For profits of cure.

Thompson's Eye Water. For all Bilious and Nervous Disorders; Sick Headache, Constipation, Weak Stomach, Impaired Digestion, Disordered Liver, and Impure Blood.

THE PALATIAL OREGONIAN BUILDING. Not a dark office in the building; absolutely fireproof; electric lights and artesian water; perfect sanitation and thorough ventilation.

- Rooms. ANDERSON, GUSTAV, Attorney-at-Law, 612. ASSOCIATED PRESS E. L. Powell, Mar. 506. BANKER, THE ASSOCIATED, of the. ...

Portland and vicinity. OMAHA, Neb., March 20.—It is now settled that the Burlington Railway is purchasing the Burlington and Des Moines line through Ogden Canyon.

Burlington Pushing to Ogden. OMAHA, Neb., March 20.—It is now settled that the Burlington Railway is purchasing the Burlington and Des Moines line through Ogden Canyon.

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San Francisco, March 20.—The court-martial which tried Captain P. C. Deming, Assistant Commissary of Subsistence, on serious charges, will be composed of Colonel Jacob Rawles, Lieutenant-Colonel DeKonge, Major Lockwood, Major Tucker, Captain West, Captain Howland, Captain Pratt, Captain Danes and Captain Bennett.

Portland and vicinity. OMAHA, Neb., March 20.—It is now settled that the Burlington Railway is purchasing the Burlington and Des Moines line through Ogden Canyon.

Pennyroyal Pills. A few more elegant offerings may be had by applying to Portland Trust Company, Oregon, 100 Third St., or to the rent clerk in the building.