

• New Ideas and Gadgets •

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⚙️ **CAR WAX WASH** combines a self-polishing wax that does not stick to glass with ingredients for removal of surface dirt. The wax deposited during the washing operation requires no rubbing to produce a bright shine. Not designed for badly weathered automobiles, each bottle provides six complete washings.

• Science News Letter, 81:320 May 19, 1962

⚙️ **ELECTRIC-HYDRONIC HEATING SYSTEM**, the size of a brief case, requires only six inches of wiring and delivers 82,000 BTU's of usable heat, enough to heat the average home. Utilizing a new adaptation of hot water heating using electricity as a power source, it is hooked up to the hot water system. It is claimed to be noiseless with no element of risk.

• Science News Letter, 81:320 May 19, 1962

⚙️ **INDUSTRIAL STRAPPING TAPES** for hand-strapping packages up to 300 pounds are made of low-stretch, pressure-sensitive, transparent polyester film. Resistant to abrasion, splitting, most chemicals and humidity, the tapes have a tensile strength of 40,000 pounds per square inch. They come in various widths and two thicknesses.

• Science News Letter, 81:320 May 19, 1962

⚙️ **CHINA STORAGE CASES** to protect fine china are quilted, dustproof, plastic padded cases with zipper closings. The



easily cleaned cases, each holding 12 pieces, come in four sizes for plates. A compartmented cup case holds 12 cups and a platter case holds several pieces.

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⚙️ **ADJUSTABLE CHAIR** designed to help people who can walk but cannot rise to a standing position unaided is especially useful to people suffering from arthritis, muscular dystrophy, poliomyelitis, as well as from

disabilities of old age. Electrically or battery operated, the chair gently elevates the patient to a standing position. The chair can also be converted into a wheel chair.

• Science News Letter, 81:320 May 19, 1962

⚙️ **EPOXY COATING** can be applied directly from an aerosol spray container eliminating the necessity of measuring, mixing and cleaning of equipment. The protective coating, when cured, provides water- and fungus-proofing, dampens vibration, and is an excellent electric insulator. It can also be used as a bonding agent.

• Science News Letter, 81:320 May 19, 1962

⚙️ **ELECTRIC CIGARETTE LIGHTER** requires no fuel, flint, wick or battery. The lighter is plugged into an electrical outlet, a button pushed, and it is ready instantly to light a cigarette. Weighing less than two ounces, it comes complete with a six-foot cord.

• Science News Letter, 81:320 May 19, 1962

⚙️ **SPECIAL MODEL BINOCULARS** for eyeglass wearers overcomes the need to remove eyeglasses for binocular viewing. Compensating for the increased distance from eyes to binoculars, they provide the eyeglass wearer with a field of view twice as wide as that obtained with standard types. Adjustments can be made for persons with normal vision.

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Nature Ramblings



Red-Eyed Vireo

► A NEW GENERATION of red-eyed vireos (*Vireo olivaceus*) joins the multitude of young birds being hatched in the nation's woodlands, fields and marshes this spring. Their hungry chirps announce their arrival.

An intricately constructed, basket-like nest hanging in a tree fork will protect the chicks less than two weeks. They then join the adults in search of insects and larvae among the leaves.

The down of these young changes quickly to olive-green on the back, white on the chest and a gray cap, marked with a white eye-brow stripe. Their eyes change from brown to the characteristic red in the first few weeks.

The "Preacher" is well-known for its long, monotonous chant, tirelessly sung from dawn to dark in a loud, nasal tone. It is repeated as often as 40 times a minute, and reminds one of the Oriental cuckoos.

More than 40 species of vireos inhabit the Americas, from the tip of South America to Alaska and Canada. The vireos are protectively colored and build strong nests, often used by the lazy cowbird who leaves her eggs for others to care for.

The vireos are among the few birds whose scientific name has been accepted for their common name.

Although the tropics are more populated by the vireo family, the red-eyed vireo can be found wherever there are trees in any number, whether in parks, along roads, or in deep woodlands.

• Science News Letter, 81:320 May 19, 1962