1106-VJ-404   **Hy Ginsberg*** (`hginsberg@worcester.edu`). *Heilbronn Characters of Finite Groups.*

In 1973 Hans Heilbronn described a virtual character associated to representations of Galois extensions of number fields as a tool for the study of zeros of Dedekind ζ-functions and Artin's Conjecture on the holomorphy of L-series. His construction has since been generalized by Richard Foote and others into what are now called *Heilbronn characters* of arbitrary finite groups. In 2010 we showed that, apart from certain 2-dimensional linear groups, groups possessing so-called *unfaithful minimal* Heilbronn characters are quasisimple and have a cyclic Sylow p-subgroup P for some odd prime p such that $N_G(P)$ is the unique maximal subgroup of G containing $\Omega_1(P)$ (the unique subgroup of P of order p). We will describe recently completed research classifying precisely which finite groups these are. (Received August 27, 2014)