Since 1990, several families of parametrized Thue equations $F_a(X, Y) = \pm 1$ of positive discriminant have been solved, where F_a is a binary irreducible form of degree at least 3 whose coefficients are polynomials in the parameter a. Typical results are that the family only has some trivial integer solutions X, Y when a is a sufficiently large integer. In the last few years, such families have also been studied when the parameter a is an element of some quadratic algebraic number field. The talk will present these and related results.