

the widely-spread and variable *Cardamine hirsuta*. The former was founded on a Chilean plant collected at Talcagua, and is not different from plants named *Cardamine nasturtioides* in the Kew Herbarium. In a broad sense a number of the South American forms of *Cardamine* belong to *Cardamine hirsuta*, which is also represented in Australia and New Zealand by at least an equal series of varieties. The Tristan da Cunha *Cardamine propinqua* of Carmichael (Trans. Linn. Soc. Lond., xii. p. 507) would appear to be the same as *Cardamine flaccida*, for since writing the account of the botany of the Tristan group, we have seen a specimen of a *Cardamine* raised by Mr Mitten from seed in the earth attached to some of the mosses brought home by Mr Moseley, which is exactly like the *Cardamine* collected in Juan Fernandez by Douglas and Moseley. Of course, there is just the possibility of an error in the origin of Mr Mitten's plant, which he sent to Kew with the following note:—"I shook out all the dust from the Tristan da Cunha mosses, and have raised therefrom a *Cardamine* very like the Azoric *Cardamine caldeirarum*." The last named is a critical species of the *Cardamine hirsuta* type, and said to be most nearly allied to *Cardamine sylvatica*, which in its turn is at most a sylvan subspecies of *Cardamine hirsuta*. Carmichael compares his plant with *Cardamine antiscorbutica*, Banks, which is reduced in Hooker's Flora Antarctica to *Cardamine hirsuta*, as is also *Cardamine propinqua*. Whatever rank be assigned to these southern forms of *Cardamine*, the presence of one in the Tristan da Cunha group merely counts as an additional species of a type common to the American and Australasian regions.

#### BIXINEÆ.

*Azara fernandeziana*, Gay.

*Azara fernandeziana*, Gay, Fl. Chil., i. p. 196; Philippi in Bot. Zeit., 1856, p. 627.

JUAN FERNANDEZ.—Endemic. In woods on the higher mountains—*Bertero*, 1436; without locality—*Reed*.

Allied to the common Chilean *Azara serrata*, Ruiz and Pavon, and apparently rare. Excluding a doubtful West Indian plant, and another Mexican one, *Azara* is restricted to Chili, and consists of about a dozen species.

#### CARYOPHYLLEÆ.

*Stellaria cuspidata*, Willd.

*Stellaria cuspidata*, Willd.; DC., Prodr., i. p. 396; Gay, Fl. Chil., i. p. 264.

JUAN FERNANDEZ.—In moist woods of the higher mountains—*Bertero*; *Reed*; *Moseley*.

Common in Western America from Mexico to Chili. This is very near to, if not the same as, the European *Stellaria nemorum*.