

Annex

Table 13. Characteristics of toxic plants and its effects on the animal (Font Quer, 1983)

Species	Taxonomy	Localization	Characteristics	Effects
Pokeweed	<i>Phytolacca americana</i> L.	Spain meadows USA	Perennial herb, bitter leaves and discoid fruits. Flowers in summer and matures in autumn.	Purgative and emetic effects. Toxic in overdose
Marvel of Peru	<i>Merabilis jalapa</i> L.	Mexico	Ornamental specie. Cultivated in summer and collected in autumn. Betaine of nicotinic acid called trigonelline	Purgative effects
Black mustard	<i>Brassica nigra</i> koch L.	Spain	Collected in summer. Contains between 20 and 30% of fatty oil and glycosides called sinigrinina	Emetic effect
Heartsease	<i>Viola tricolor</i> L.	Spain (Pyrenees)	Flowers in lowlands and the end of winter and the beginning of spring	The presence of saponins has resolved the epidermal problems Purgative and emetic in overdose
Sempervivum	<i>Sempervivum tectorum</i> L.	European mountains	Houseleek species Tannins, formic acid Antimicrobial, immunomodulatory and hepatoprotective	Emetic effect
Bean trefoil	<i>Anagyris foetida</i> L.	Spain (Catalunya)	Flowers in autumn and in winter Contains alkaloids (anagyrine) cystine, malate acid	The leaves are purgative and the seeds are emetic

Dyers' bugloss	<i>Alkanna tinctoria tausch</i> L.	Mediterranean region.	Flowers between April and Juny and Cultivated in roads and sand contains alcanina and aucusico acid.	Purgative and emetic effect
Dyer's broom	<i>Genista tinctoria</i> L.	Spain	Flowers between May and July. Leaves contain luteolina	Purgative and emetic depends on the part and the dose manipulated
Carqueja	<i>Genistella trdentada</i> sampaio L.	Spain Morocco	The composition is unknown It is used against the influenza	Purgative
Liquorice	<i>Glycyrrhiza glabra</i> L.	Spain	Flowers until July The root contains glicirricina and saponnins It is used against the liver problems	
Holly	<i>Ilex aquifolium</i> L.	Spain	Flowers between April and Juny Contain caffetannic acid dextrosa and wax	The fruits are purgative and the leafs are diuretic and laxative
Ivy	<i>Hederá hélix</i> L.	Spain	It grows in rocky places and the fruits contain hederine	Hedrerina is purgative and emetic
Deadly carrots	<i>Thapsia garganica</i> L.	Spain Portugal	Tapsin resin contains tapsicos acids, isovaleric.	The resin is irritating and purgative
villous deadly carrot	<i>Tapsia villosa</i> L.	Spain	Contain resin	Purgative and emetic.
sowbread	<i>Cyclamen balearicum</i> wilkomm L.	Spain	Contain culamine and glycosidic saponin with a high haemolytic power	Purgative and emetic

Coris	<i>Coris mosnpiliensis</i> L.	Spain	The composition is unknownen	The roots are emetics.
bog bilberry	<i>Vaccinium uliginosum</i> L.	Spain	Contain malic acid, benzoic acid	Emetic and the fruits cause headache
Escrofularia	<i>Scrophularia aquatica</i> L.	Spain	The composition is litelly unknownen	Purgative and emetic
Hedgehyssop	<i>Gratiola officinalis</i> L.	Spain	Contain glucosydes and graciolinagraciosoline	Purgative and emetic
White bryony	<i>Bryania dioica</i> L.	Spain	Contain Glucosydes brionine, brionidine	Emetic High doses damges the Adosis alta daña los riñones
Squill bulbs	<i>Urginea maritima</i> backer L.	Mediterranean Basin	Onion-like liliaceae the bulbs contain bufadienolides (raticide activity) and cardiac glycosides (medicinal properties as cardiotonics)	Toxic bulb
Narcissus	Narcissus pseudo narcissus L.	Spain	Contain cristalizable alkaloids called narcisine	Emetic and toxic