

Annex

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

Specie	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 japala</i> L.	Mexico	Ornamental specie. Cultivated in summer and collected in autumn. Betaine of nicotinic acid called trigonelline	Purgative effects
Black mustard	<i>Brassica negra koch</i> 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 saponnins has resolved the epidermal problems Purgative and emetic in overdose
Sempervivum	<i>Sempervivum tecturum</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 June and Cultivated in roads and sand contains alkanin and aucubin acid.	Purgative and emetic effect
Dyer's broom	<i>Genista tinctoria</i> L.	Spain	Flowers between May and July. Leaves contain luteolin	Purgative and emetic depends on the part and the dose manipulated
Carqueja	<i>Genistella tridentata sampayo</i> 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 glycyrrhizin and saponins It is used against the liver problems	
Holly	<i>Ilex aquifolium</i> L.	Spain	Flowers between April and June Contain caffeoyl acid, dextrose and wax	The fruits are purgative and the leaves are diuretic and laxative
Ivy	<i>Hederá hélix</i> L.	Spain	It grows in rocky places and the fruits contain hederin	Hederin is purgative and emetic
Deadly carrots	<i>Thapsia garganica</i> L.	Spain Portugal	Tapsin resin contains tannic 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 wilkomm</i> L.	Spain	Contain scillarin and glycosidic saponin with a high haemolytic power	Purgative and emetic

Coris	<i>Coris mosniliensis</i> L.	Spain	The composition is unknown	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 little known	Purgative and emetic
Hedgehyssop	<i>Gratiola officinalis</i> L.	Spain	Contain glucosides and gracilinagradosine	Purgative and emetic
White bryony	<i>Bryonia dioica</i> L.	Spain	Contain Glucosides brionine, brionidine	Emetic High doses damage 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	<i>Narcissus pseudo narcissus</i> L.	Spain	Contain crystallizable alkaloids called narcisine	Emetic and toxic