Drug/plant source Family/pharmacopoeia	Total alkaloids Major alkaloids (for formulae see 1.5 Formulae)	
Indole Alkaloids		Fig. 3–10
Rauvolfiae radix Rauvolfia, snake root Rauvolfia serpentina (L.) BENTH ex KURZ. Rauvolfia vomitoria AFZEL Apocynaceae DAB 10, USP XXII, MD	0.6%–2.4% total alkaloids (R. serpentina) 1.3%–3% total alkaloids (R. vomitoria) >50 alkaloids, yohimbane derivatives: Reserpine (0.14%), rescinnamine (0.01%), epi-rauwolscine (0.08%), serpetine (0.08%), serpentinine (0.13%), ajmaline (0.1%), ajmalicine (=raubasine 0.02%), raupine (0.02%)	Fig. 3
Yohimbe cortex Yohimbe bark Pausinystalia johimbe PIERRE Rubiaceae	2.3%–3.9% total alkaloids Yohimbine and ten minor alkaloids, e.g. pseudoyohimbine and coryantheine	Fig. 4
Quebracho cortex Aspidosperma bark Aspidosperma quebracho-blanco SCHLECHT Apocynaceae DAC 86	0.3%–1.5% total alkaloids (>30) Yohimbine, pseudoyohimbine, aspidospermine, aspidospermatine, quebrachamine, hypoquebrachamine, quebrachocidine	Fig. 4
Catharanthi folium Catharanthus leaves Catharanthus roseus (L.) G. DON. (syn. Vinca rosea L.) Apocynaceae MD	0.15%–0.25% total alkaloids Vinblastine (0.01%), vincristine, vindoline, catharanthine, Root: <0.74% total alkaloids	Fig. 4
Vincae herba Common periwinkle Vinca minor L. Apocynaceae MD	0.15%–1% total alkaloids Vincamine (0.05%–0.1%), vincaminine, vincamajine, vincine, minovincine, reserpinine	Fig. 5
Strychni semen Poison nuts, Nux vomica seeds Strychnos nux-vomica L. Loganiaceae ÖAB, Helv. VII, MD, Japan	2%–3% total alkaloids Strychnine (>1%) and brucine (>1.5%), α- and β-colubrine, vomicine; psendostrychnine, psendobrucine	Fig. 6
Ignatii semen St. Ignaz beans Strychnos ignatii BERG Loganiaceae	2.5%–3% total alkaloids Strychnine (45%–50%), brucine, 12-hydroxy strychnine, α-colubrine, vomicine	Fig. 6