Note 2.

In the mine of the guarda môr, Innocenzio, on the Serra de Caraça, and particularly in the diamond district, gold crystals are not uncommon, and several were shown to us which may altogether be referred to two original forms. They are either octahedrons, partly perfect, partly blunted at the corners, or at the corners and edges, and partly tetrahedrons, the edges of which sometimes appear truncated. Twin crystals, or similar conjunctions of single crystals, are sometimes observed. In general, gold is found in Brazil of all the colours and forms hitherto known. The first are bright yellow, brass and greyish yellow, in which last the alloy of silver is so considerable, that the gold-dust acquires a brownish tarnish by oxydation. It is affirmed that platina is sometimes mixed with it, but we ourselves could never ascertain it. With respect to the forms, the loose, roundish, or flat grains are the most frequent, but other configurations are also met with. It is washed out of the sand of several rivers, in particles scarcely visible to the naked eye, among which we observed quartz-sand, partly pure, partly mixed with much mica and lime; we have before us some gold-dust said to be from the capitania of Saint Paulo, which contains also magnetic iron-stone, with grains of cinnabar.

The tapanho-acanga, or the iron-stone flötz, subordinate to the quadersandstein formation, is the secondary bed of the gold, in which its abundance in all forms is astonishing; whereas in Europe this iron-stone formation, considered as a whole, and in its separate members, is very extensive, for instance, in the kingdom of Bavaria, as we have already observed, without containing any traces of gold. In the quartz strata, and beds of the clay-slate, and of the quartz and iron mica-slate, the gold is particularly beautiful, dendritically and reticularly knitted, and aggregated in rows,

From what is called the black gold formation, in which arsenical pyrites, and iron-stone containing manganese occur, we received, besides other forms of gold, also small crystals in cubes. But the most beautiful form of gold is that in iron mica-slate, particularly in the large-foliated, generally undulated-curved, in which pieces weighing several ounces are often found. It cannot but be observed, that in Brazil the gold occurs in such abundance with iron-mica, whereas, for example, at Fichtelberg, in Bavaria, where iron-mica is frequent in quartz, no trace is to be found of it. But in general the crystallisations of gold seem to be more frequent in the primitive than in the flötz mountains (we have not had an opportunity of observing the transition formation).

Note 3.

The kyanite and rhaëticite of the Serra do Caraça is generally bluish grey, passing into light azure, but seldom pure, mostly dirty. We found some beautiful rhaëticite in the Morro de Villa Rica, where however it did not appear in veins, but only in solid pieces of compact quartz. It has there a silver and milk-white colour, passing into peach-blossom, a decided mother of pearl lustre, and is long- narrow- and rather curved-radiated. The common shorl, of which we found casual pieces on this mountain, appears in small, middling-sized crystals, growing close to and over one another, and therefore indistinct. As the superficies of these casual pieces is covered with a red clay, we conclude that it belongs to the formation of the tapanho-acanga. Mr. Von Eschwege mentions also an auriferous shorl rock between his iron mica-slate and the quartz-slate.

SPECIMEN

OF

BRAZILIAN POPULAR SONGS.

No. 1. From S. Paulo.

I.

A caso são estes
Os sitios formosos,
Aonde passava
Os annos gostosos?
São estes os prados
Aonde brincava,
Em quanto pastava,
O gordo rebanho,
Que Alceo me deixou?
São estes, &c.
São estes; mas eu,
O mesmo não sou,
Marilia, tu chamas?
Espera, que eu vou.

II.

Da quelle penhasco,
Hum rio cahia,
Ao som do susurro,
Que vezes dormia?
Agora não cobrem
Espumas, nevadas,
As pedras quebradas;
Parece que o rio,
O curso voltou.
São estes, &c.

III.

Meus versos alegre
Aqui repetia :
O E'co as palavras
Tres vezes dicia.
Se chamo por elle,
Jà não me responde ;
Parece se esconde,
Cansado de dar-me,
Os ais, que lhe dou.
São estes etc.

IV.

Aqui hum regato
Corria sereno,
Por margens cobertas
De flores e feno :
A'esquerda se erguia,
Hum bosque fechado,
E o tempo apressado,
Que nada respeita,
Jà tudo mudou.
São estes etc.

V.

Mas como discorro?
Acaso podia
Jà tudo mudar-se,
No espaço de hum dia?
Existem as fontes,
E os feixos copados ;
Dão flores os prados,
E corre a cascada,
Que nunca seccou,
São estes etc.

VI.

Minha alma, que tinha.
Liberta a vontade,
Agora jà sente
Amor, e saudade.
Os sitios formosos,
Que jà me agradàrão,
Ah ! nâo se mudàrão ;
Mudarão-se os olhos,
De triste que estou.
São estes etc.

By GONZAGA.

No. 2. From S. Paulo.

Qual sara o feliz dia
Em que veja satisfeitas
Doces amanteis promesas
Pela minha Ionia.

No. 3. From Minas and Bahia.

Pracer igual ao que eu sinto
No mundo nâo havera
Quando me vejo nos braços
Da minha amante Yayá
O que instantes, Amor nos da,
Meu doce bem, minha Yaya !

No. 4. From Bahia.

Foi-se Jozino e deixou me
Foi-se com elle o pracer
Eu que cantava ao lado
Hoje me sinto morrer,
Amor que pode nâo quer valer,
Nâo ha remedio se nâo morrer.

No. 5. From S. Paulo.

I.

Escuta formoza Marcia
Tristes ais do teu pastor,
Sâo ais qu'a dar-lhe ensinou
O Tiranño Deos Amor.

II.

Eu nem suspirar sabia,
Antes de te conhecei,
Mas depois qu'vi teus olhos,
Sei suspirar, sei morrer.

No. 6. From Minas and Goyaz.

Huma Mulata bonita
Nâo careça rezar
Basta o mimo que tem
Para sua alma salvar
Mulata se eu podia
Formar altar,
N'elle te collocarià.
Para o povo te adorar.

END OF THE SECOND VOLUME.

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