



**CAATINGA FLORA INVENTORY OF AREAS IN THE INTEGRATION
PROJECT OF SÃO FRANCISCO RIVER**

**Jefferson G. de Carvalho-Sobrinho, André Paviotti Fontana, Diogo Amorim de
Araújo, Fabiana de Arantes Basso, Jefferson Rodrigues Maciel, Marcondes
Albuquerque Oliveira & José Alves Siqueira-Filho**

Centro de Referência para Recuperação de Áreas Degradadas da Bacia Hidrográfica do
Rio São Francisco - CRAD, Universidade Federal do Vale do São Francisco -
UNIVASF, Petrolina - PE.

ABSTRACT

The integration Project of São Francisco River with the drainage-basin of septentrional northeast – PISF compreende the construction of approximation channels, reservoir and rural production villages by the two axis, named north and east, that will impound water from the São Francisco River and will cross 350 km and 207 km of different areas into the Brazilian semiarid, respectively. The sampling embraces stretches of deforestation to the construction of the channel in areas of Caatinga located in the states of Pernambuco, Paraíba and Ceará, including priority areas for scientific investigation and biologic importance. All the collected material was deposited in the herbarium HVASF, located in the reference center of degreed areas – CRAD, in Petrolina-PE. It was realized 54 field excursions cataloguing 581 species that bellows to 87 families of fanerogamas classified by the APG II. The riches families were Fabacea (102 pp.), Poaceae (46), Euphorbiaceae (42), Malvaceae (33), Convolvulaceae (32), Cyperaceae (22), Asteraceae (18), Bignoniaceae (13), Apocynaceae (14), Boraginaceae (11). This result shows a riche standard establish for the Brazilian semiarid, where we can notice the distinguish of Fabaceae family characterized by the richer between the angiosperms. The same standard occurs to the endemism, where the families Fabaceae (23), Euphorbiaceae (17), Cactaceae (7), Malvaceae (5) e Bromeliaceae (4) represent 83% from the 76 species registered as endemicas from Brazilian northeast, which 73 of them are exclusive of Caatinga. (Sponsored by: National Integration Ministry)